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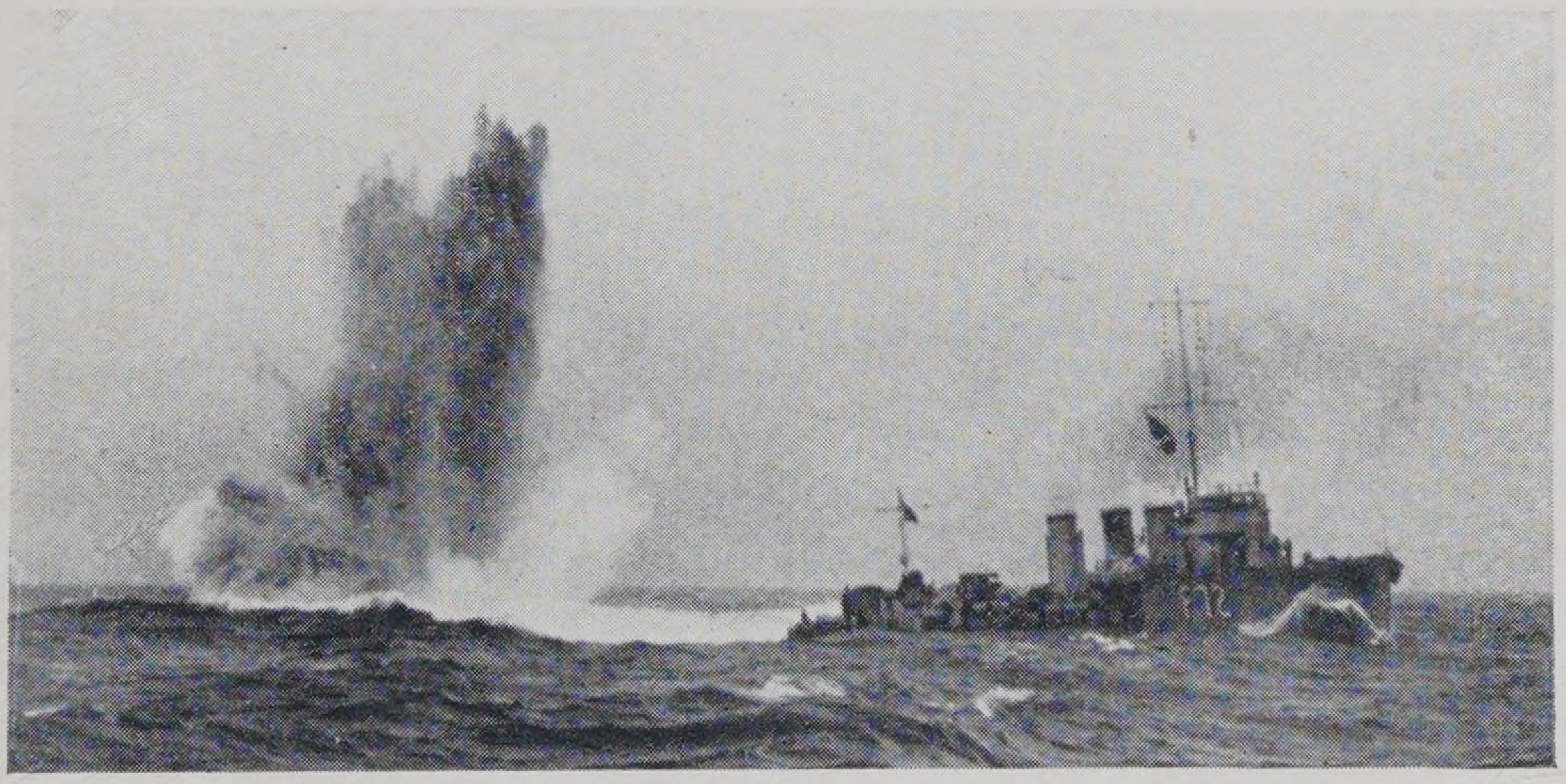

H.M.S. *Tempest* (Admiralty ' R ' Class), dropping depth charges. [*I.W.M*

3 - Destroyers

(British and German)

H. M. LE FLEMING

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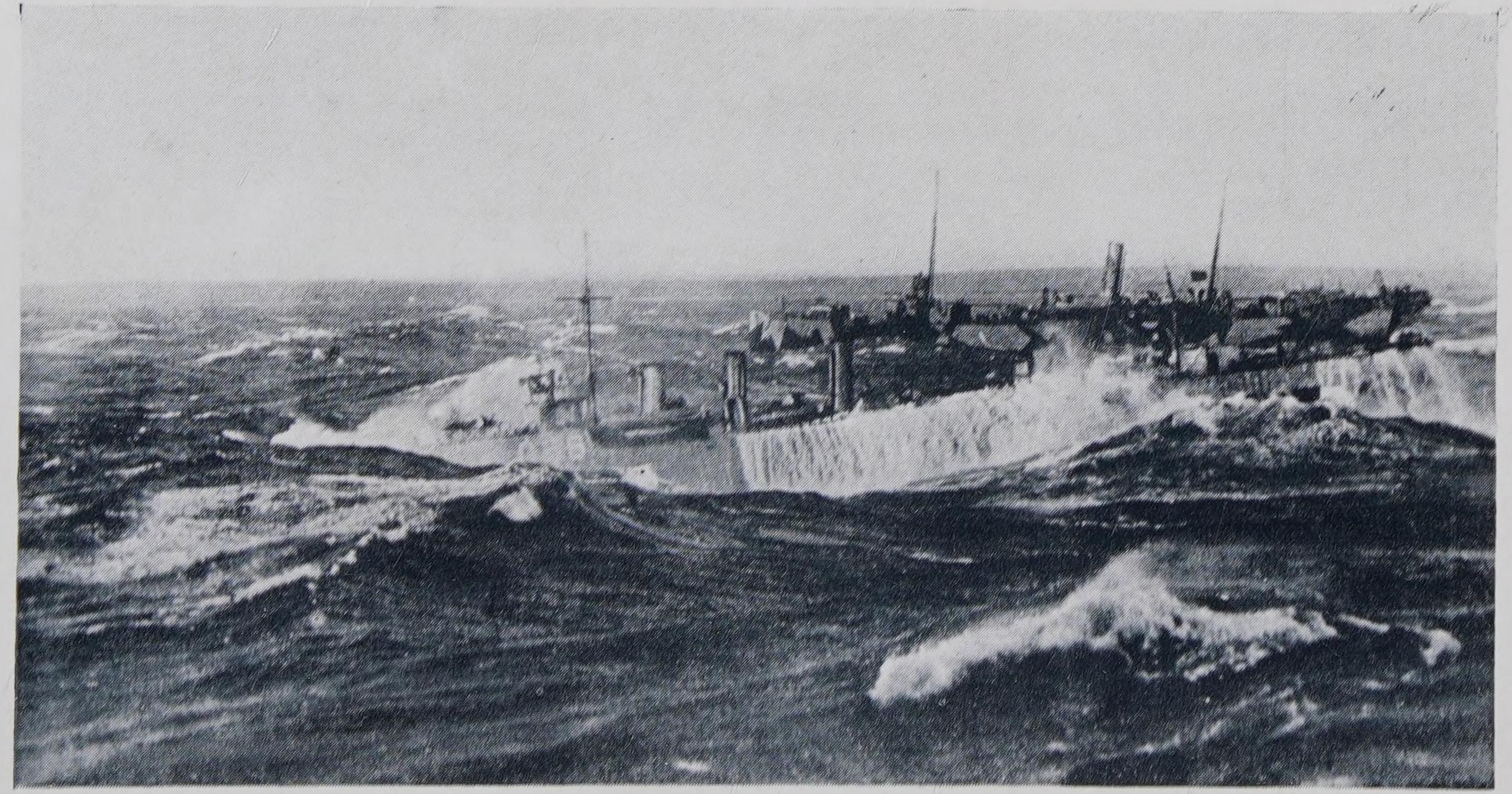
FRONT COVER

H.M.S. *Shamrock* (Admiralty ' S ' Class).
[*I.W.M.*



H.M.S. *Peyton* (Admiralty ' M ' Class) in heavy weather. [N.P.C.

Introduction

INCLUDED in this Part are some 827 British and German destroyers of the World War I period. Since scrapping of destroyers began only shortly before 1914 and deliveries continued until 1919 the classes are given in full for completeness. Hostilities opened with about 240 effective British destroyers and 150 German with a steady flow of new ships from the builders. British construction increased whereas after 1916 German production was cut down in favour of U-boats. Some of the war-built ships listed had a life of only a few months.

The particulars given include the year of completion* and the builders' name abbreviated as follows:—

AW	Armstrong Whitworth (Tyne).
C	John Brown (Clydebank).
C.Dy.	Chatham Dockyard.
CL.	Cammell Laird (Birkenhead).
Co.	Cockatoo Dockyard (Sydney, Australia).
D.Dy.	Devonport Dockyard.
Dx.	Doxford (Sunderland).
Dny.	Denny (Dumbarton).
E.	Earle (Hull).
F.	Fairfield (Clyde).
H. & W. (G)	Harland & Wolff (Clyde).
HDW.	Hanna Donald & Wilson (Paisley).
HL.	Hawthorn Leslie (Tyne).
Ing.	Inglis (Clyde).
L. & G.	London and Glasgow (now H. & W. (G)).
Pal.	Palmers (Tyne).
Par.	Parsons (Tyne).
Pem. Dy.	Pembroke Dockyard.
Sc.	Scotts (Greenock).
SH.	Swan Hunter (Tyne).
St.	Stephen (Clyde).
T.	Thornycroft (Southampton, formerly Chiswick).
TIW.	Thames Ironworks (Blackwall).
V.	Vickers (Barrow).
WB.	Beardmore (Clyde).
Y.	Yarrow (Clyde, formerly Poplar).

German yards are given on p. 56 for easier reference.

The length quoted is overall*. Also given are the beam, displacement, type of engines, horse power and speed. Guns (pdr. = pounder), torpedo tubes and, if applicable, the number of mines carried, as well as the complement. (ML) indicates that the ship was largely employed as a minelayer in 1914-18. It would be impossible to include the war services of so many ships in a small book, but a general view can be obtained from the summaries of destroyer distribution in 1914, 1916 and 1918 on pp. 8-9.

The chief distinguishing feature used is the funnel arrangement shown on p. 55 with code reference. With German ships over thirty classes had very similar funnel arrangements and the class differences have been supplemented by the diagram on p. 79. Most of the photographs used were taken between 1914 and 1919.

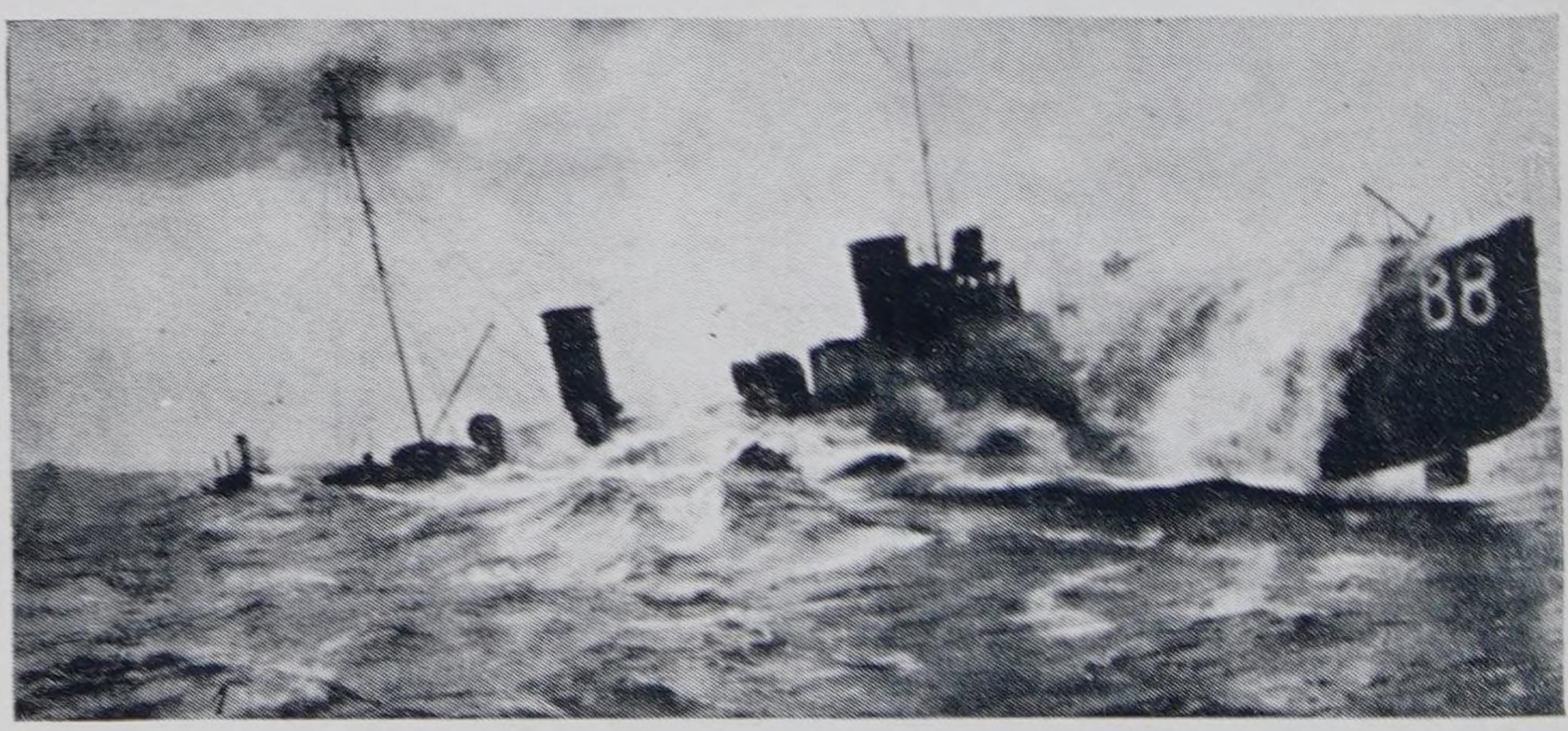
**Note:* Records of some of the earlier British ships do not always differentiate between launch, completion and acceptance dates or which length is quoted.

Grateful acknowledgements are due to Mr. H. T. Lenton and members of the Naval Photograph Club[1], to Mr. A. P. Young and staff of the Admiralty Library, to Mr. A. J. Charge and staff of the Imperial War Museum[2] and to Mr. G. A. Osbon of the National Maritime Museum, Greenwich[3], for their most helpful assistance in the search for information and photographs, also to the following works of reference:—

JANE'S FIGHTING SHIPS	1914, 1919 *and other editions.*
BRASSEY'S NAVAL ANNUAL	1914, 1919 *and other editions.*
DIE DEUTSCHEN KRIEGSCHIFFE 1815-1936	*Erich Groener.*

H. M. LE FLEMING.

1 Acknowledged as N.P.C.
2 Acknowledged as I.W.M.
3 Acknowledged as N.M.M., Greenwich.



German Destroyer T118 in heavy weather. Note the bow rudder, fitted to most of these ships.

BRITISH DESTROYER DEVELOPMENT

1893 – 1920

ONCE it had been decided to build Torpedo Boat Destroyers (T.B.D's) as a counter measure against attack by Torpedo Boats, the Admiralty boldly ordered 42 of them, giving fourteen different builders great freedom in design. Delivered in 1893-95, all the ships had turtle-back forecastles, the same armament, triple expansion engines and a contract speed of 27 knots. Apart from this, designs differed widely, as in boilers for example, where seven different water-tube patterns were installed, whilst six ships had the locomotive type with two funnels close together. These six were later reboilered and given funnel arrangements similar to other ships.

In 1895 to 1902 there followed sixty 30-knot " turtle-backs ", somewhat larger and with horse power increased 50% to 6,000. Parsons steam turbines were tried on three of them, one of which, H.M.S. Viper, reached the then enormous speed of 35.5 knots at 12,000 H.P. with eight screws on four shafts. In the other ships, with two 3,000 H.P. triple expansion engines running at 400 r.p.m., the vibration when out of phase was spoken of with awe by those who experienced it. Hand firing the white hot furnaces on a vibrating and heaving stokehold floor was no sinecure either.

In fact too much had been sacrificed to high speed. The ships were structurally weak for the power developed and almost buried themselves in heavy weather. In the " River " group of 1903-5 sea-worthiness was given priority, as shown by their high forecastles (which the Germans had adopted in 1899). Although tonnage was raised to 550, horse power was only increased to 7,000, with speed reduced to $25\frac{1}{2}$ knots. This speed, however, could be maintained in a seaway, whereas that of the turtle-backs was apt to fall off. Coal capacity and radius of action were greatly increased. H.M.S. Eden and the two later replacements were the only ships to have turbines. Design was much more uniform, with two funnels or two close pairs. The armament was increased to 4-12 pdrs, smaller guns having been found to be ineffective.

In the next group, the " Tribals " of 1907-9, a great leap forward was made, as these were the destroyer equivalents of the Dreadnought. Size was almost doubled, speed raised to 33-36 knots with oil fuel and turbines, and 4 inch guns were mounted. Builders of these ships, known at first as " ocean-going destroyers ", were once again given a very free hand, there being 8 distinct varieties in the 12 vessels. But even the " Tribals " were small fry compared to the special ship, H.M.S. Swift, built at the same time, as a leader for the fastest destroyers. A quadruple screw ship of 1,825 tons, her turbines could develope 50,000 H.P. giving her a speed approaching 40 knots. During the war she was extensively altered, her tonnage being raised to 2,200 and her two forward 4 in. guns replaced by one 6 in. She was the only British destroyer to carry such a gun and her tonnage was not exceeded in the Navy until 1937.

Uniformity had, by 1908, become imperative and each year a class was laid down to form a complete flotilla of 16-24 ships. The first of these were the 900-ton " Basilisk " (G) class of 1909-10. Their speed of 27-28 knots was on the low side, but they were good sea boats. Coal-burning was reverted to, as adequate supply of oil fuel in war time then seemed uncertain. In 1910-11 the rather smaller " Acorn " (H) class of 780 tons appeared. These were oil-burners (as were all future classes) and the first to mount 21 in. torpedo tubes. All twenty ships were built to one design. They took on average 18 months to

build, a reply no doubt to the German claim to be building destroyers in 12-15 months. The two-funnelled " Acheron " (I) class of 1911-12 consisted of 14 standard ships plus 6 with more powerful machinery in which new features were introduced: Two of them were superheated and another two had geared turbines. As a result of the diversion of three ships to Australia, three more were built, with their H.P. further increased to 20,000. They were the prototypes of the later Yarrow variants of Admiralty standard designs.

The 900-ton " Acasta " (K) class of 1912-13 consisted of 12 standard ships, 6 with altered disposition of armament whilst two were prototypes of the succeeding " L " class. Three 4 in. guns (25 pdr.) were mounted, the 12 pdr. (3 in.) being in its turn abandoned as ineffective. One ship (H.M.S. Hardy) was designed to carry an additional diesel engine for cruising, but it appears that this was not installed. In the period 1911-15 standard ships were usually triple-screw whilst the specials were twin-screw. The last pre-war class, the 1,000-ton " L " class of 1913-14, consisted of 6 two-funnelled and 16 three-funnelled ships, the latter being similar to the later Thornycroft variants of standard designs. Three improvements were incorporated: raked, in place of vertical stems, twin torpedo tubes and a " bandstand " for the 4 in. gun amidships. Twin tubes were not new as they had been mounted on some torpedo boats (both British and German) in the 1880's.

Originally the usual variety of names had been allotted to the " L " class, but towards the end of 1913 a new destroyer classification was introduced and all were given names beginning with " L ". Earlier ships were then classified as below, the class letter being painted up on the bows and funnel. (For the earlier ships with their many differences, " groups " would have been a more apt description than " classes ").

A.	Surviving 27-knot " turtle-backs "	
B.	30-knot " turtle-backs " with 4 funnels	
C.	" " " 3 "	
D.	" " " 2 "	
E.	River class	
F.	Tribal class	
G.	Basilisk class	
H.	Acorn class	
I.	Acheron class	(No J. class)
K.	Acasta class	

As regards individual ship recognition, funnel bands (red and white) had been introduced on the " H " and " I " classes. On the 20 " H " class they were difficult enough to make out on the 2nd and 3rd funnels but, when the 20 " K " class of similar appearance were built, the system clearly became impracticable. (Funnel bands have been used before and since as *flotilla* insignia.) Shortly after war began all destroyers were given pennant numbers painted up on bows and stern. With flags superior D. F. G. and H, 120 numbers were available under each (D00-D99, D0A-D9A, DA0-DA9, etc.). Thus 480 identity numbers were available which could be, and were, changed at will to confuse the enemy.

At the outbreak of war both British and Germans took over ships destined for other Powers. On the British side twelve such destroyers were building in the U.K.: four 1,700-ton leaders for Chile, four variants of the " M " class for Greece and four for Turkey. These ships were given British names and are referred to as the " Broke " class leaders, the Greek " M's " and the " Talisman " class, respectively.

At the same time the " M " class were coming into service, generally similar to the " L " class but with a new three-funnel arrangement (code 32). Three variants from the Admiralty standard were permitted:—

(1) Hawthorn Leslie with 4 funnels (code 44)
(2) Thornycroft ,, 3 ,, (code 35)
(3) Yarrow ,, 2 ,, (code 22)

Large emergency orders were placed for " M's ", henceforth only Thornycroft and Yarrow variants being included. These had the reputation of being somewhat faster than the standards, some of them being the first to reach 40 knots on official trials. Including the ex-Greek ships, 112 " M " class were built. As there were already many destroyers in existence with " M " names the class had soon to be extended to " N's ", " O's " and " P's ", with a few " R's " and " T's ". Broadly speaking, therefore, the strict naming system broke down. The " M's " were followed by 44 " R " class (" R ", " S " and " T " names), very similar ships but with geared turbines, higher speed and distinguishable by the " bandstand " mounting for the after 4 in. gin.

The absence so far of Flotilla Leaders (except H.M.S. Swift) will have been noted and the purchase of the four Chilean ships mentioned above was most timely. Such ships should be larger than the rest of the flotilla, with extra accommodation for a senior officer and his staff. For the slower " River " class the small " Scout " class light cruisers (see Part 2) were available as Leaders, but the first leader *class* (" Marksman ") was only begun just before the war. These seven ships, followed by six " later Marksman " class, came into service in 1915-16.

By 1917 destroyer construction had been resolved to three distinct types, to which all later ships were confined:—

(1) 1,000-ton ships; 3-4 in. guns.
Based on the modified " R " class, which was a compromise between Admiralty and Yarrow designs.
11 Modified " R " class (" T ", " U " names). 67 " S " class (" S ", " T " names).

(2) 1,300-ton ships; 4-4 in. guns.
Larger class with superimposed guns and triple torpedo tubes.
51 " VW " class (" V ", " W " names).

(3) 1,750-ton Leaders; 5-4.7 in. guns.
5 Thornycroft Type. 8 Admiralty Type.

The last two groups provided the basis for post-war development.

After the war, during which the " M " class had seen very hard service, this class together with all earlier ships were written off. Subsequent disarmament and reduction of the fleet resulted in the scrapping of further ships so that, by the outbreak of World War II, only the following 1918 destroyers were in existence:—

1 Admiralty " R " class (H.M.S. Skate).
11 Admiralty " S " class, mostly used as minelayers.
Most of the " VW " class, many of them re-armed as Escort vessels.
8 Leaders.

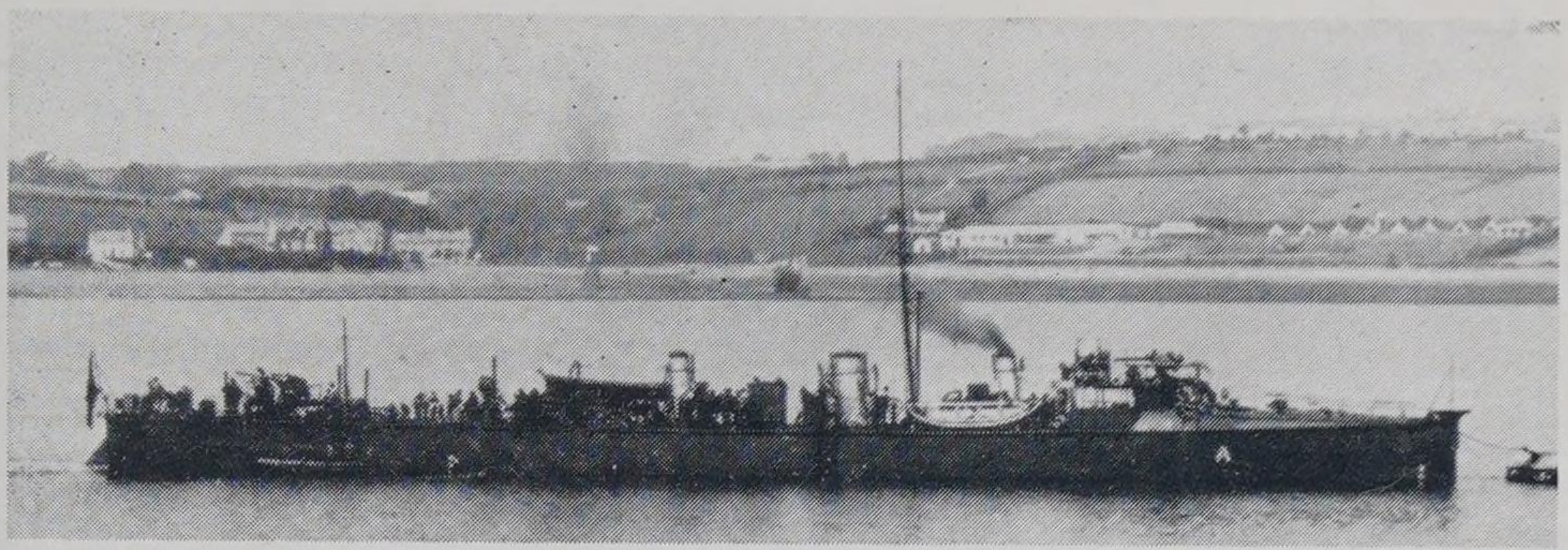
During the 1914-18 war destroyers and fast light cruisers did most of the minelaying. The old cruisers and other ships originally fitted for the purpose were far too slow to reach their objective, lay mines and get clear within the hours of darkness. The effectiveness of this weapon is shown by the fact that 55 of the destroyers in this book were sunk by mines and many others severely damaged. British ships were also supplied with depth charges which, with the later development of Asdic (for sound detection under water), proved the most effective anti-U-boat measure.

BRITISH DESTROYER CLASSES

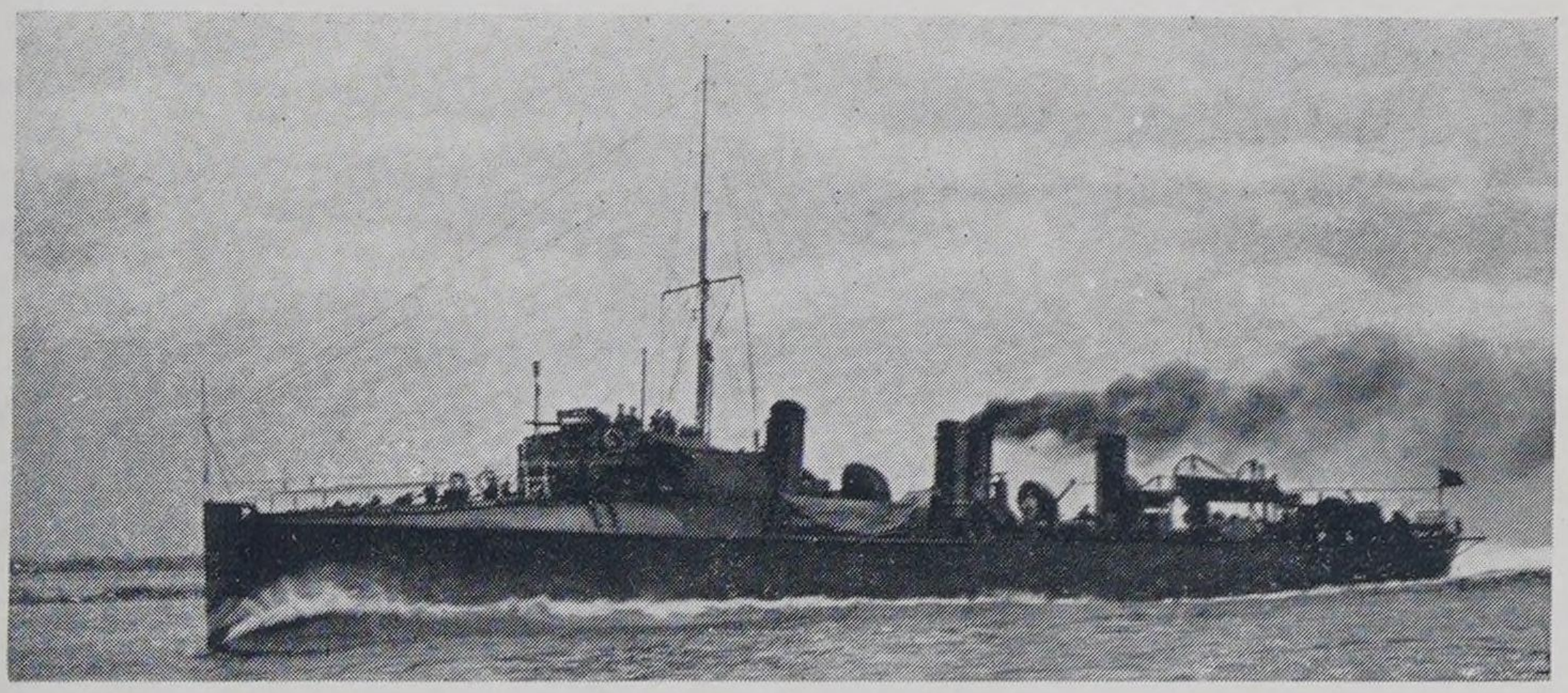
A CLASS (27-knot "Turtle-Backs")

Length: 180—206 ft. *Beam:* 18½—20½ ft. *Displacement:* 220—300 tons.
Triple expansion. 2 screws. 3,100—4,850 h.p. 27—28 knots.
Guns: 1—12 pdr., 3 or 5—6 pdr. *Torpedo tubes:* 2—18 in.
Complement: 45—60.

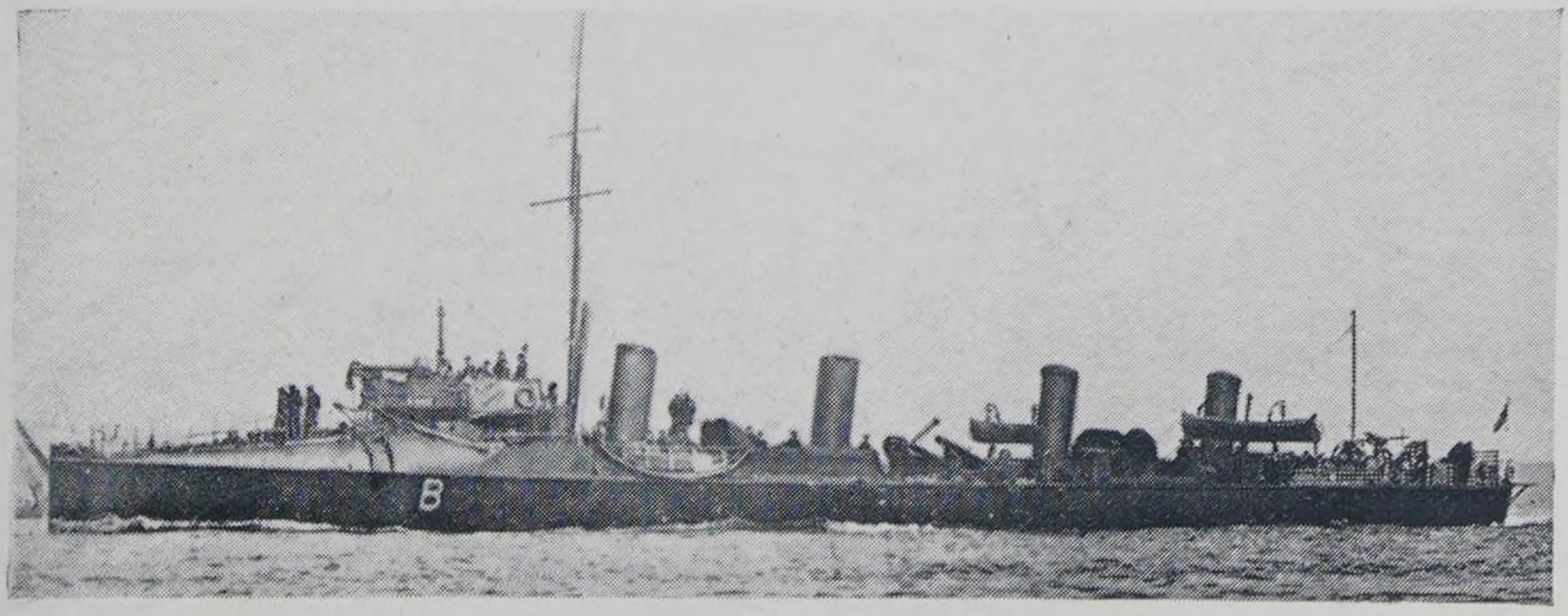
Name	*Funnel Code*	*Completed*	*Builder*		
Ardent	21	1894	T	1911	Sold.
Banshee	41m	1894	CL	1912	Sold.
Boxer	21	1894	T	1918	Sunk, collision in the Channel.
Bruiser	21	1895	T	1914	Sold.
Charger [1]	35m	1894	Y	1912	Sold.
Conflict	33	1894	W	1920	Scrapped.
Contest	41m	1894	CL	1911	Sold.
Daring [3]	21	1893	T	1912	Sold.
Dasher [1]	35m	1895	Y	1912	Sold.
Decoy [3]	21	1894	T	1904	Sunk, collision near Scilly Is.
Dragon	41m	1894	CL	1912	Sold.
Ferret[3]	41m	1893	CL	1910	Scrapped.
Fervent [1]	42	1895	HDW	1920	Sold.
Handy	24	1895	F	c.1918	Sold.
Hardy	35m	1895	Dx	1911	Sold.
Hart	24	1895	F	1913	Scrapped at Hong Kong.
Hasty[1]	35m	1894	Y	1912	Sold.
Haughty	35m	1895	Dx	1912	Sold.
Havock [1 3]	31m	1893	Y	1912	Sold.
Hornet [3]	42	1893	Y	1909	Sold.
Hunter	24	1895	F	1912	Sold.
Janus	35m	1895	Pal.	1913	Scrapped at Hong Kong.
Lightning	35m	1895	Pal.	1915	Mined in North Sea.
Lynx [3]	41m	1894	CL	1912	Sold.
Opossum	31m	1895	HL	1920	Sold.
Porcupine	35m	1895	Pal.	1920	Sold.
Ranger	31m	1895	HL	1920	Sold.
Rocket	35m	1894	C	1912	Sold.
Salmon	42m	1895	E	1912	Sold.
Shark	35m	1894	C	1911	Sold.
Skate	35	1895	V	1907	Sold.
Snapper	42m	1895	E	1912	Sold.
Spitfire	35	1895	AW	1912	Sold.
Starfish	35m	1894	V	1912	Sold.
Sturgeon	31	1894	V.	1912	Sold.
Sunfish	31	1895	HL.	1920	Sold.



H.M.S. *Ranger* (' A ' Class). [*I.W.M.*



H.M.S. *Kangaroo* (' B ' Class).



H.M.S. *Lively* (' B ' Class). [*N.P.C*

A CLASS

Name	Funnel Code	Completed	Buider		
Surly	35m	1894	C.	1920	Sold.
Swordfish	35m	1895	AW.	1910	Sold.
Teazer	33	1895	W.	1912	Sold.
Wizard [2]	22	1895	W.	1920	Sold.
Zebra	33	1895	TIW.	1914	Sold.
Zephyr[1]	42	1895	HDW.	1920	Sold.

[1] These six ships originally had locomotive type boilers and two funnels close together (Code 20). [2] Wizard originally had three funnels (Code 33). [3] These six ships had bow torpedo tubes in addition to the two on deck, but the ships tended to over-run torpedoes fired ahead.

B CLASS
(30-knot "Turtle-Backs" with 4 Funnels)

Length: 210—218 ft. *Beam:* 20—22 ft. *Displacement:* 300—370 tons.
Triple expansion. 2 screws. 5,800—6,700 h.p. 30 knots.
Guns: 1—12 pdr., 5—6 pdr. *Torpedo tubes:* 2—18 in. *Complement:* 50—60.

Name	Funnel Code	Completed	Builder		
Earnest	41	1896	CL.	1920	Sold.
Griffon	41	1896	CL.	1920	Sold.
Kangaroo	42c	1901	Pal.	1920	Sold.
Lively	41	1901	CL.	1919	Sold.
Locust	41	1896	CL.	1919	Sold.
Myrmidon	42c	1901	Pal.	1917	Mined in the Channel.
Orwell	41	1901	CL.	1920	Sold.
Panther	41	1897	CL.	1920	Sold.
Peterei	42c	1899	Pal.	1919	Sold.
Quail	41	1895	CL.	1919	Sold.
Seal	41	1897	CL.	1921	Sold.
Sparrowhawk	41	1896	CL.	1904	Wrecked on China Station.
Spiteful	42c	1898	Pal.	1920	Sold.
Sprightly	41	1901	CL.	1921	Sold.
Success	42c	1901	Dx.	1914	Wrecked off Fifeness.
Syren	42c	1901	Pal.	1920	Sold.
Thrasher	41	1896	CL.	1921	Sold.
Virago	41	1896	CL.	1919	Sold.
Wolf	41	1897	CL.	1921	Sold.

The following larger ships differed as follows:—

Displacement: 440 tons. Turbines. 26.75 knots. *Guns:* 3—12 pdr.

Name	*Funnel Code*	*Completed*	*Builder*		
Albacore	42c	1908	Pal.	1919	Sold.
Bonetta	42c	1908	Pal.	1920	Sold.

Displacement: 470 tons. 6,000—9,000 h.p. 31—32 knots.

Name	*Funnel Code*	*Completed*	*Builder*		
Arab	42	1901	C.	1919	Sold.
Express	41	1896	CL.	1921	Sold.

Displacement: 400 tons. Turbines. c. 10,000 h.p. 34.9 knots.

Name	*Funnel Code*	*Completed*	*Builder*		
Cobra	44	1900	AW.	1901	Foundered in North Sea.

C CLASS
(30-knot "Turtle-Backs" with 3 Funnels)

As B class but displacement 283—330 tons (*Albatross* 360 tons 31.75 knots).

Name	*Funnel Code*	*Completed*	*Builder*		
Albatross	31	1898	T.	1920	Sold.
Avon	35	1896	V.	1920	Sold.
Bat	35	1896	Pal.	1919	Sold.
Bittern	35	1897	V.	1918	Sunk, collision off Portland Bill.
Brazen	35m	1896	C.	1919	Sold.
Bullfinch	35	1901	E.	1919	Sold.
Chamois	35	1896	Pal.	1905	Sank in Gulf of Patras.*
Cheerful	35	1897	HL.	1917	Mined off Shetland Is.
Crane	35	1896	Pal.	1919	Sold.
Dove	35	1898	E.	1920	Sold.
Electra	35m	1901	C.	1920	Sold.
Fairy	31	1897	F.	1918	Rammed UC75 and sank.
Falcon	31	1901	F.	1918	Sunk, collision in North Sea.
Fawn	35	1897	Pal.	1919	Sold.
Flirt	35	1897	Pal.	1916	Torpedoed in Straits of Dover.
Flying Fish	35	1897	Pal.	1919	Sold.
Gipsy	31	1897	F.	1921	Sold.

*Broken propeller blade pierced hull.

C CLASS

Name	Funnel Code	Completed	Builder		
Greyhound	35	1900	HL.	1919	Sold.
Kestrel	35m	1898	C.	1921	Sold.
Lee	35	1899	Dx.	1909	Wrecked in Blacksod Bay.
Leopard	35	1897	V.	1919	Sold.
Leven	31	1901	F.	1920	Sold.
Mermaid	35	1898	HL.	1919	Sold.
Osprey	31	1897	F.	1919	Sold.
Ostrich	31	1901	F.	1920	Sold.
Otter	35	1896	V.	1917	Scrapped in Far East.
Racehorse	35	1900	HL.	1920	Sold.
Recruit	35m	1901	C.	1915	Torpedoed, U-boat in Thames Estuary.
Roebuck	35	1901	HL.	1919	Scrapped.
Star	35	1896	Pal.	1919	Sold.
Sylvia	35	1897	Dx.	1919	Sold.
Thorn	35	1901	Y.	1919	Scrapped.
Tiger	35	1901	C.	1908	Sunk, collision off Isle of Wight.
Vigilant	35	1901	C.	1920	Sold.
Violet	31	1897	Dx.	1920	Sold.
Vixen	35	1901	V.	1921	Sold.
Vulture	35m	1898	C.	1919	Sold.
Whiting	35	1896	Pal.	1919	Sold.

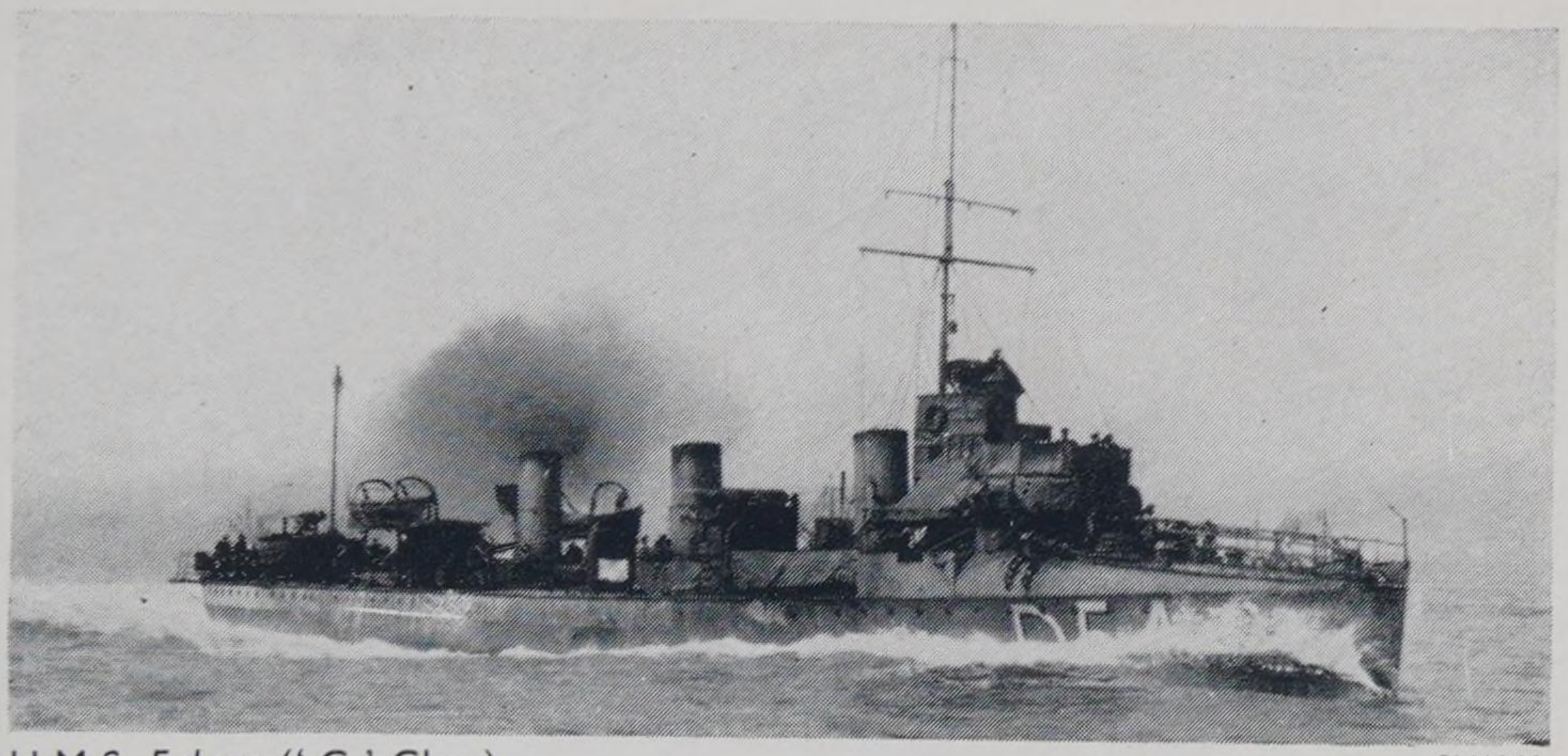
Two larger ships were turbine-driven with 8 screws on 4 shafts. *Viper* (370 tons) reached 35.5 knots with 12,000 h.p., but *Velox* (440 tons) was later quoted as 8,000 h.p. with a speed of only 27 knots.

Name	Funnel Code	Completed	Builder		
Velox	35	1902	HL.	1915	Mined near Nab Lightship.
Viper	39	1899	HL.	1901	Wrecked on Alderney.

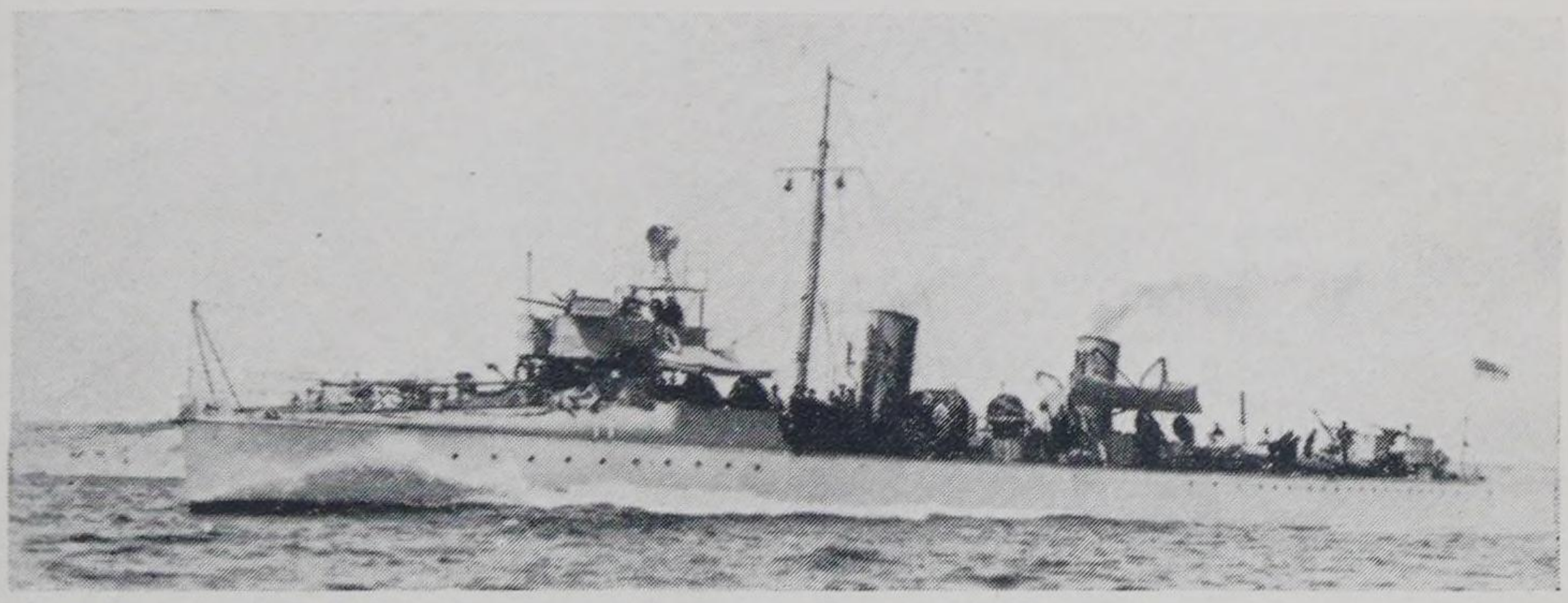
D CLASS
(30-knot "Turtle-Backs" with 2 Funnels)

As B class but 275—285 tons, 5,500—5,800 h.p.

Name	Funnel Code	Completed	Builder		
Angler	21	1896	T.	1920	Sold.
Ariel	21	1897	T.	1907	Wrecked off Malta.
Coquette	21	1898	T.	1916	Mined in North Sea.
Cygnet	21	1898	T.	1920	Scrapped.
Cynthia	21	1898	T.	1920	Sold.
Desperate	21	1895	T.	1920	Sold.
Fame	21	1896	T.	1921	Sold at Hong Kong.
Foam	21	1896	T.	1914	Sold.
Mallard	21	1896	T.	1920	Sold.
Stag	21	1899	T.	1921	Sold.



H.M.S. *Falcon* (' C ' Class). [*I.W.M.*



H.M.S. *Stag* (' D ' Class). In white livery for tropical service.

H.M.S. *Rother* (' E ' Class). [*I.W.M.*

There was also H.M.S. *Taku* acquired from China in the Boxer Rising of 1900. Built by Schichau (Elbing), her dimensions were:—
Length: 193⅔ ft. *Beam:* 20 ft. *Displacement:* 305 tons.
Triple expansion (3-cyl.). 2 screws. 6,500 h.p. 32 knots.
Guns: 6—3 pdr. *Torpedo tubes:* 3—18 in. *Complement:* 62.

Name	*Funnel Code*	*Completed*	*Builder*	
Taku	21	1898	S.	1916 Sold in Far East.

The lists above cover the 116 destroyers with turtle-back forecastles, some of which had of course gone before the letter classification was adopted. Later classes had high forecastles, introduced on German destroyers in 1899.

E (RIVER) CLASS

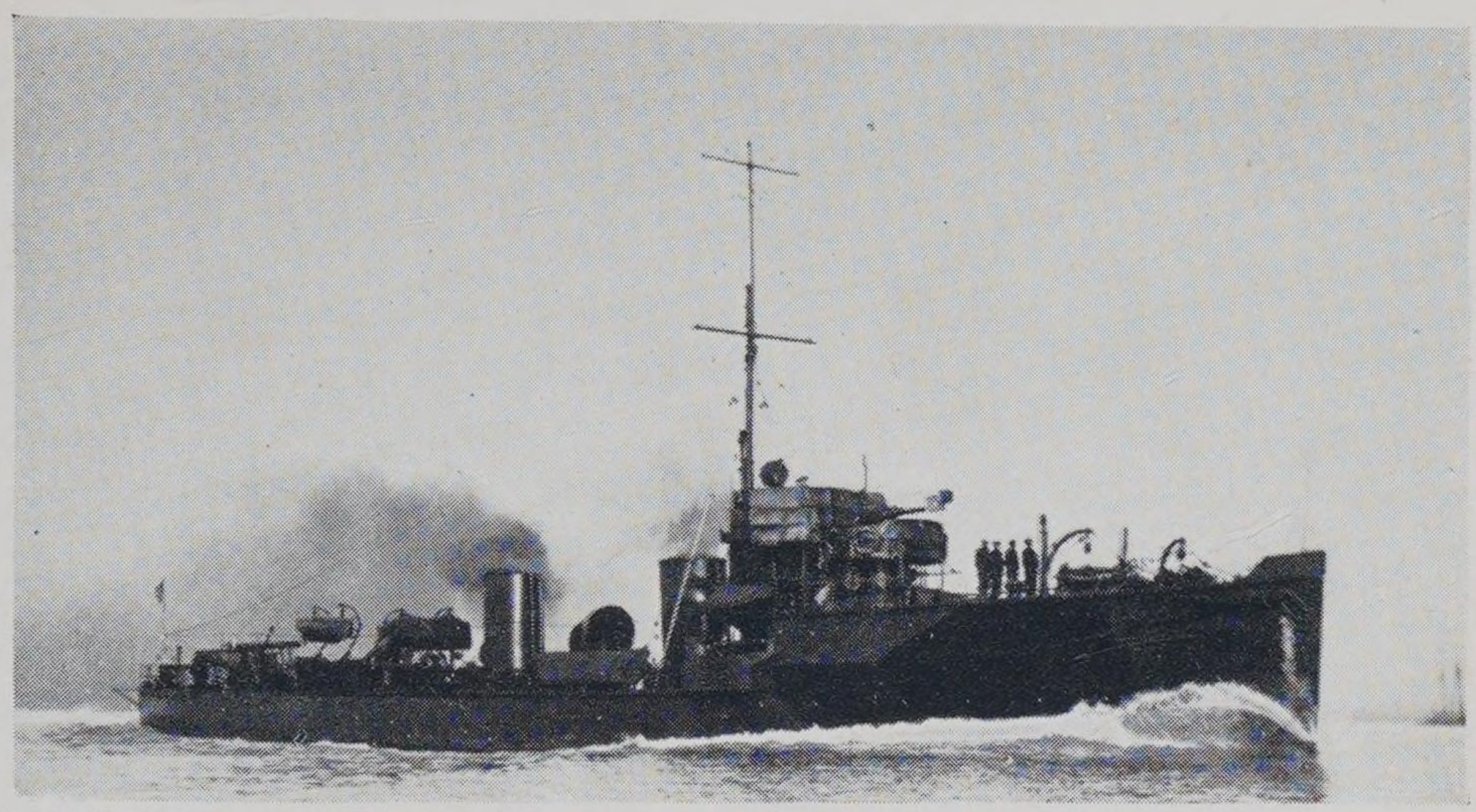
Length: 220—225 ft. *Beam:* 23—24 ft. *Displacement:* 527—566 tons.
Triple expansion*. 2 screws. 7,000—7,500 h.p. 25—26 knots.
Guns: 4—12 pdr. *Torpedo tubes:* 2—18 in. *Complement:* 70.
* *Eden*, *Stour* and *Test* had turbines, *Eden's* with 6 screws on 2 shafts.

(1) Four Funnels in Close Pairs (Code 43c).

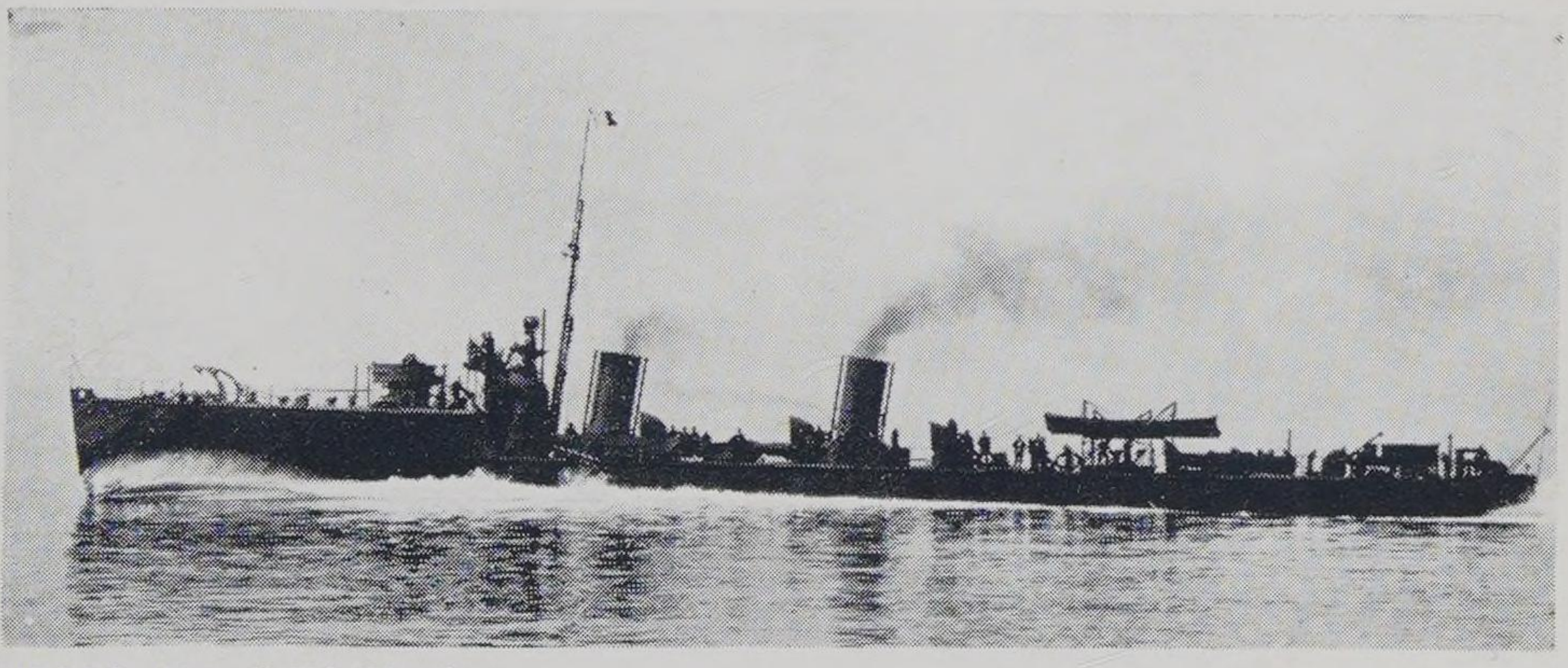
Name	*Completed*	*Builder*	
Cherwell	1903	Pal.	1919 Sold.
Dee	1903	Pal.	1919 Sold.
Erne	1903	Pal.	1915 Wrecked off Rattray Head.
Ettrick	1903	Pal.	1919 Sold.
Exe	1903	Pal.	1920 Sold.
Rother	1904	Pal.	1919 Sold.
Swale	1905	Pal.	1919 Sold.
Ure	1904	Pal.	1919 Sold.
Wear	1905	Pal.	1919 Sold.

(2) Four Funnels in Open Pairs (Code 43).

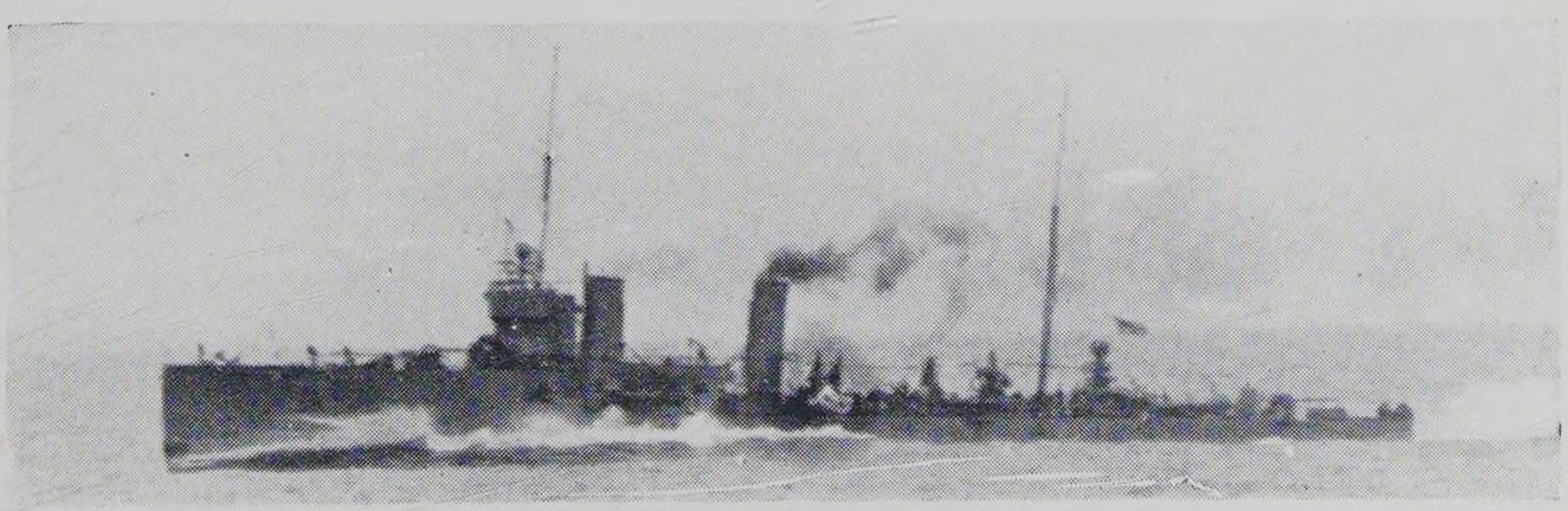
Name	*Completed*	*Builder*	
Gala	1905	Y.	1908 Sunk, collision off Harwich.
Garry	1905	Y.	1919 Sold.
Ribble	1904	Y.	1920 Sold.
Teviot	1903	Y.	1919 Sold.
Usk	1903	Y.	1919 Sold.
Welland	1904	Y.	1920 Sold.



H.M.S. *Waveney* (' E ' Class).



H.M.S. *Moy* (' E ' Class).



H.M.S. *Arno* in 1917. [*I.W.M.*

(3) Two Short Funnels (Code 24).

Name	*Completed*	*Builder*		
Boyne	1904	HL.	1919	Sold.
Derwent	1904	HL.	1917	Mined off Havre.
Doon	1904	HL.	1919	Sold.
Eden	1903	HL.	1916	Sunk, collision in the Channel.
Kale	1904	HL.	1918	Mined in the North Sea.
Waveney	1903	HL.	1920	Sold.

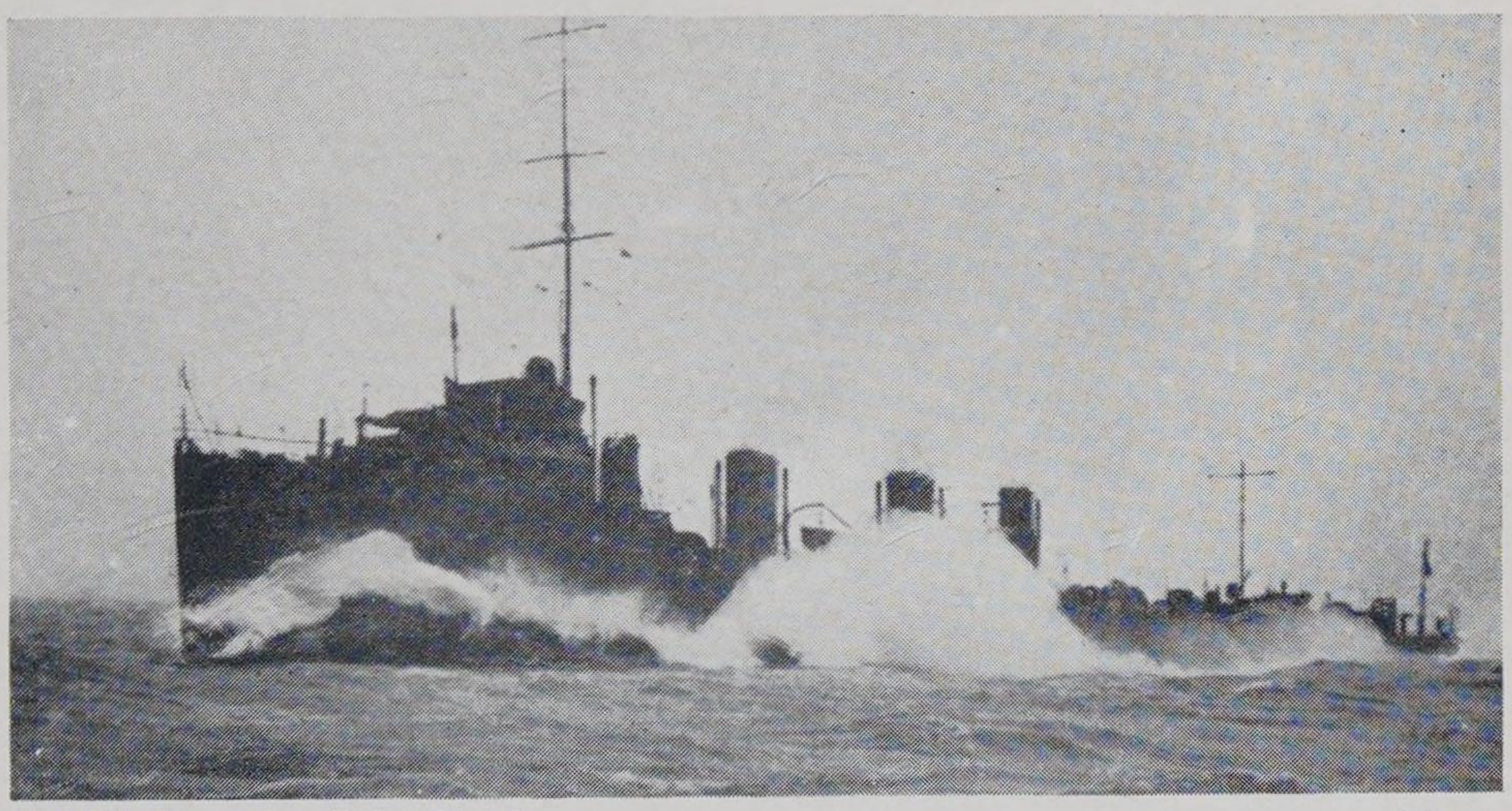
(4) Two Tall or Medium Funnels (Code 21).

Name	*Completed*	*Builder*		
Arun	1903	CL.	1920	Sold.
Blackwater	1903	CL.	1909	Sunk,collision off Dungeness.
Chelmer	1904	T.	1920	Sold.
Colne	1905	T.	1919	Sold.
Foyle	1903	CL.	1917	Mined in the Straits of Dover
Itchen	1903	CL.	1917	Torpedoed by U-boat in N. Sea.
Jed	1904	T.	1920	Sold.
Kennet	1903	T.	1919	Sold.
Liffey	1904	CL.	1919	Sold.
Moy	1904	CL.	1919	Sold.
Ness	1905	W	1919	Sold.
Nith	1905	W.	1919	Sold.
Ouse	1905	CL.	1919	Sold.
Stour	1909	CL.	1919	Sold.
Test	1909	CL.	1919	Sold.

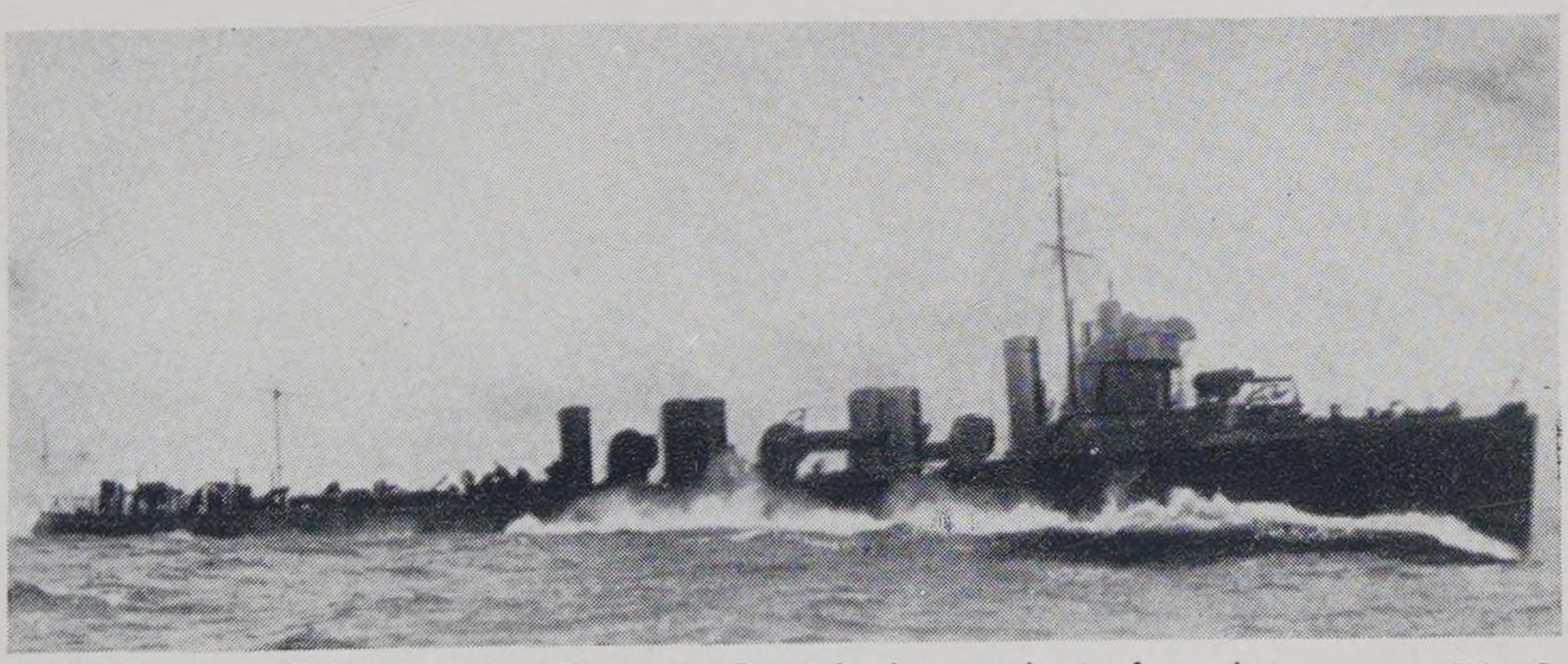
The last two ships were replacements.

A similar ship, building at Genoa as the Portuguese *Liz*, was taken over in 1914 as H.M.S. *Arno*. She differed principally in having 3—18 in. Torpedo tubes and a mainmast.

Name	*Completed*	*Builder*		
Arno	1915	Ansaldo	1918	Sunk, collision in the Dardanelles.



H.M.S. *Crusader* (' F ' Class). [*Cozens*



H.M.S. *Viking* (' F ' Class). The only British ship with six funnels. [*N.P.C.*

H.M.S. *Zubian*. Constructed from the undamaged parts of H.M. Ships *Zulu* and *Nubian* (' F ' Class). [*I.W.M.*

F (TRIBAL) CLASS

1907 ships.
Length: 250—270 ft. *Beam:* 25—26 ft. *Displacement:* 865—890 tons.
Turbines. 3 screws. 14,500 h.p. 33—36 knots.
Guns: 5—12 pdr. *Torpedo tubes:* 2—18 in. *Complement:* 60.
1908-9 ships differed:—
Length: 280 ft. *Beam:* 26—27 ft. *Displacement:* 970—1,090 tons.
15,500 h.p. *Guns:* 2—4 in. *Complement:* 67—72.

Name		Completed	Builder		
Afridi	37	1907	AW.	1919	Sold.
Amazon	41h	1908	T.	1919	Sold.
Cossack	39	1907	CL.	1919	Sold.
Crusader	45h	1909	W.	1920	Sold.
Ghurka	37	1907	HL.	1917	Mined off Dungeness.
Maori	45h	1909	Dny.	1915	Mined off Zeebrugge.
Mohawk	45h	1907	W.	1919	Sold.
Nubian [1]	41h	1909	T.	1916	Torpedoed off Folkestone.
Saracen	45h	1908	W.	1919	Sold.
Tartar	46h	1907	T.	1921	Sold.
Viking	65ch	1909	Pal.	1919	Sold.
Zulu [1]	45h	1909	HL.	1916	Mined near Dover.

[1] On the 27th Oct., 1916, the after part of the Zulu was destroyed by a mine and the fore part of the Nubian wrecked by a torpedo from a German destroyer. The fore part of the Zulu and after part of the Nubian were towed in and later joined up to form the ship *Zubian*—a loss of only one ship instead of two. As such H.M.S. *Zubian* acquired three battle honours before being sold in 1919.
H.M.S. *Tartar* made 37.4 knots on trial making her the fastest ship of her day. She and *Viking* (the only six-funnelled ship in the Navy), at first had semi-turtle back forecastles which were altered to standard during the war. *Mohawk* also had a rounded forecastle which was altered later. The fore funnels of the four-funnelled ships were heightened in 1911-12.

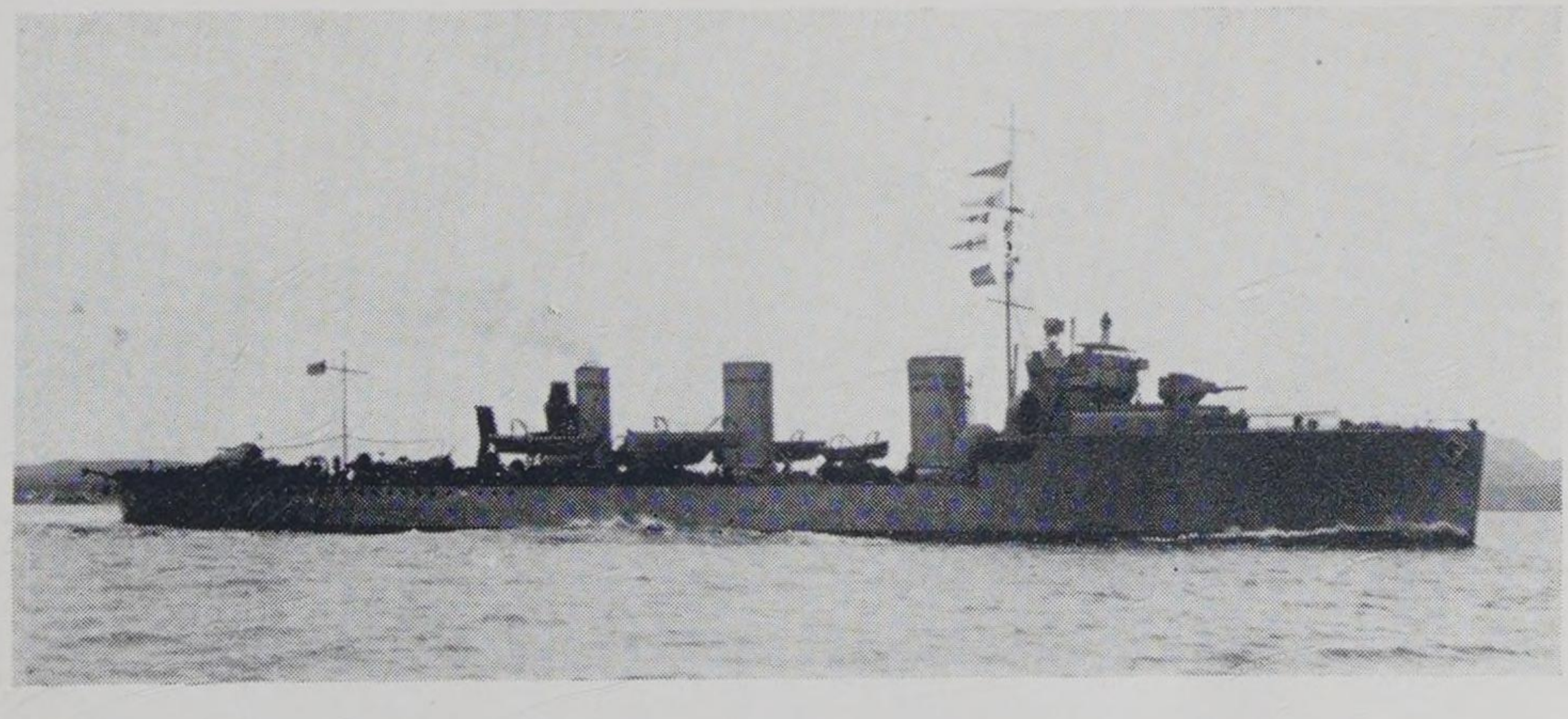
H.M.S. SWIFT (Special Flotilla Leader)

Length: 353 ft. *Beam:* 34¼ ft. *Displacement:* 1,825—2,207 tons.
Turbines. 4 screws. 30,000—50,000 h.p. 36—39 knots.
Guns: 4—4 in.*, 1—2 pdr. *Torpedo tubes:* 2—18 in. *Complement:* 138.

Name		Completed	Builder		
Swift	39	1907	CL.	1921	Sold.

* When altered in 1916-17 the two forecastle 4 in. guns were replaced by one 6 in., the heaviest gun mounted on a British destroyer. Built as a Leader for much larger and faster vessels, her size was not approached in the Navy until 1937. H.M.S. *Swift* was painted grey before 1914, at which period she was reputed to be the fastest ship in the Fleet and to have exceeded 40 knots on occasion.

H.M.S. *Swift* with 6 in. gun on forecastle. [I.W.M.



H.M.S. *Scourge* (' G ' Class). [I.W.M.

G (BASILISK) CLASS

Length: 266—275 ft. *Beam:* 26¾—28 ft. *Displacement:* 885—964 tons.
Turbines. 3 screws. 12,500 h.p. 27—28 knots.
Guns: 1—4 in., 3—12 pdr. *Torpedo tubes:* 2—18 in. *Complement:* 96.

(1) Three Funnels, the third small (Code 37).

Name	Completed	Builder		
Basilisk	1910	W.	1921	Sold.
Beagle	1909	C.	1922	Sold.
Bulldog	1909	C.	1920	Sold.
Foxhound	1909	C.	1920	Sold.
Grampus*	1910	TIW.	1920	Sold.
Harpy	1909	W.	1921	Sold.
Rattlesnake	1910	L. & G.	1921	Sold.
Scourge	1910	HL.	1921	Sold.

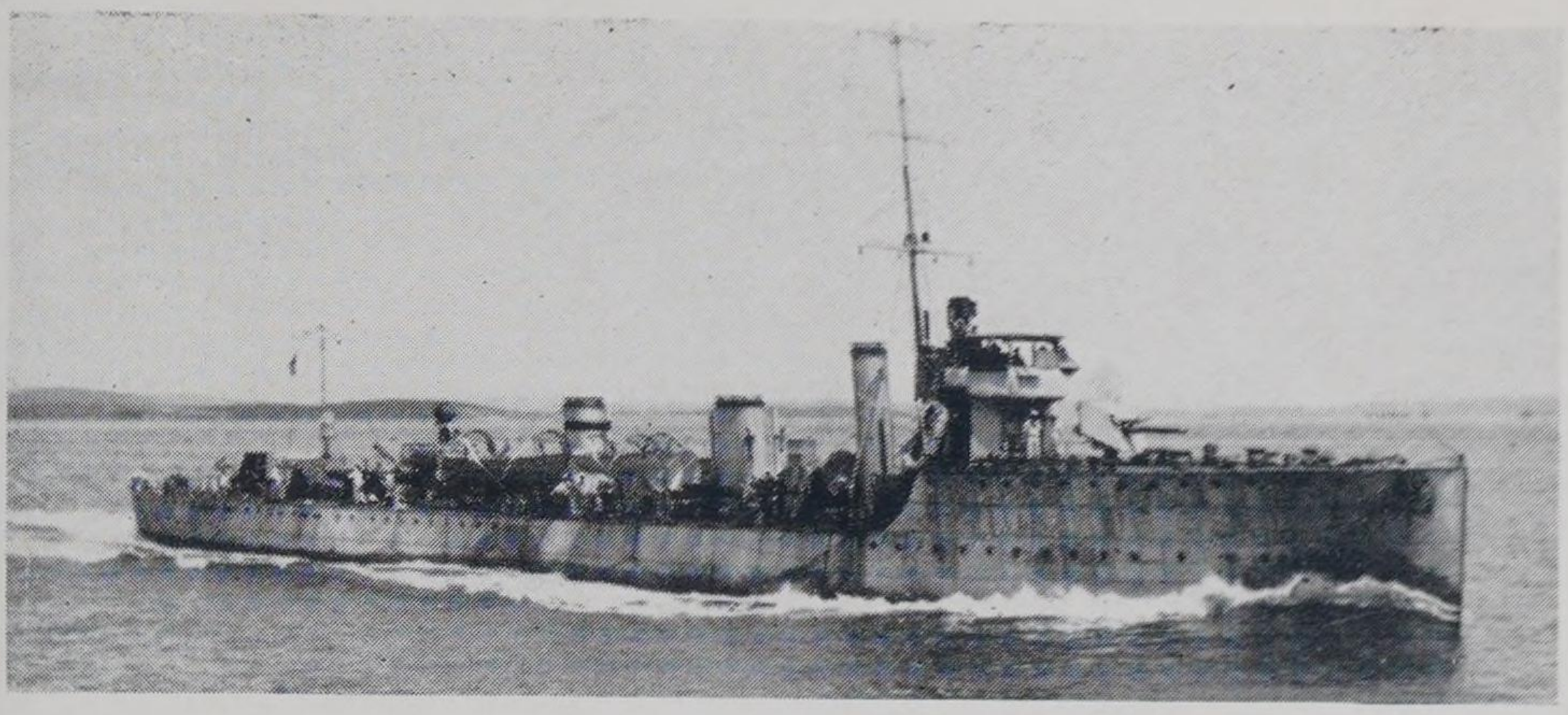
* Formerly *Nautilus* renamed 1913.

(2) Three Equal Funnels (Code 31).

Name	Completed	Builder		
Grasshopper	1909	F.	1921	Sold.
Mosquito	1910	F.	1920	Sold.
Pincher	1910	Dny.	1918	Wrecked off Scilly Is.
Racoon	1910	CL.	1918	Wrecked, N. Coast of Ireland.
Renard	1909	CL.	1921	Sold.
Savage	1910	T.	1921	Sold.
Scorpion	1910	F.	1921	Sold.
Wolverine	1910	CL.	1917	Sunk, collision off N.W. Ireland.

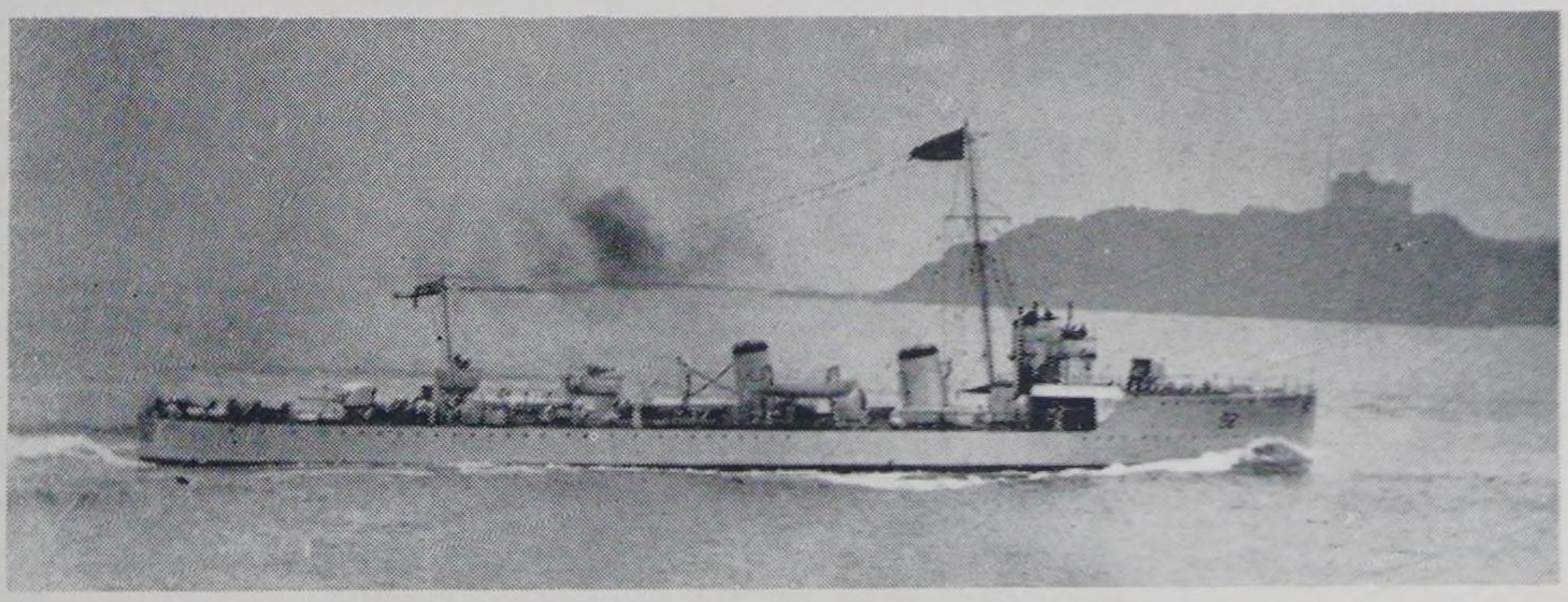
H (ACORN) CLASS

Length: 240 ft. *Beam:* 25½ ft. *Displacement:* 780 tons.
Turbines. 3 screws. 13,500 h.p. 27—30 knots.
Guns: 2—4 in. *Torpedo tubes:* 2—21 in. *Complement:* 72.
All had three unequal funnels, the first heightened (Code 35h).



H.M.S. *Redpole* (' H ' Class). [*I.W.M.*

H.M.S. *Defender* (' I ' Class). [*N.P.C.*



H.M.S. *Oak* (Special ' I ' Class), attached to the Fleet Flagship. Here seen flying the Royal Standard with H.M. King George V on board. [*H.S. & R.*

H CLASS

Name	*Completed*	*Builder*		
Acorn	1910	C.	1921	Sold.
Alarm	1910	C.	1921	Sold.
Brisk	1910	C.	1921	Sold.
Cameleon	1910	F.	1921	Sold.
Comet	1910	F.	1918	Torpedoed, U-boat in Med.
Fury	1911	Ing.	1921	Sold.
Goldfinch	1910	F.	1915	Wrecked in fog, Orkneys.
Hope	1910	SH.	1920	Sold.
Larne	1910	T.	1921	Sold.
Lyra	1910	T.	1921	Sold.
Martin	1910	T.	1920	Sold.
Minstrel	1911	T.	1917-19	To Japan*. 1921 Sold.
Nemesis	1910	HL.	1917-19	To Japan*. 1921 Sold.
Nereide	1910	HL.	1921	Sold.
Nymphe	1911	HL.	1921	Sold.
Redpole	1910	W.	1921	Sold.
Rifleman	1910	W.	1921	Sold.
Ruby	1910	W.	1921	Sold.
Sheldrake	1911	Dny.	1921	Sold.
Staunch	1910	Dny.	1917	Torpedoed, U-boat off Gaza.

* On loan to Japan as " Sendan " and " Kanran ".

I (ACHERON) CLASS

Length: 240 ft. *Beam:* 25¾ ft. *Displacement:* 750—780 tons.
Turbines. 3 screws. 13,500 h.p. 27—30 knots.
Guns: 2—4 in., 2—12 pdr. *Torpedo tubes:* 2—21 in. *Complement:* 72.

(1) Two funnels (Code 22), fore later heightened (Code 22h).

Name	*Completed*	*Builder*		
Defender	1911	Dny.	1921	Sold.
Druid	1911	Dny.	1921	Sold.
Ferret	1911	W.	1921	Sold.
Forester	1911	W.	1921	Sold.
Goshawk	1911	WB.	1921	Sold.
Hind	1911	C.	1921	Sold.
Hornet	1911	C.	1921	Sold.
Hydra	1912	C.	1921	Sold.
Jackal	1911	HL.	1920	Sold.
Lapwing	1911	CL.	1921	Sold.
Lizard	1911	CL.	1921	Sold.
Phoenix	1911	V.	1918	Torpedoed, U-boat in the Adriatic.
Sandfly	1911	SH.	1921	Sold.
Tigress	1911	HL.	1921	Sold.

(2) As above but 2 screws, 15,000—16,500 h.p. 29—31 knots.

Archer and *Attack* were superheated, *Badger* and *Beaver* had geared turbines. Greater space between bridge and fore funnel which was not heightened later.

Name	*Completed*	*Builder*	
Acheron	1911	T.	1921 Sold.
Archer	1911	Y.	1921 Sold.
Ariel	1911	T.	1918 Mined in North Sea.
Attack	1911	Y.	1917 Mined off Alexandria.
Badger	1911	HL.	1921 Sold.
Beaver	1911	HL.	1921 Sold.

(3) As *Acheron* but
Length: 255 ft. *Displacement:* 790 tons. 20,000 h.p. 32—35 knots.

Name	*Completed*	*Builder*	
Firedrake	1912	Y.	1922 Sold.
Lurcher	1912	Y.	1922 Sold.
Oak	1912	Y.	1921 Sold.

(4) Australian ships. Two funnels (Code 21).
Length: 245—251 ft. *Beam:* 24½ ft. *Displacement:* 700 tons.
Turbines. 3 screws. 9,500—11,300 h.p. 26—28 knots.
Guns: 1—4 in., 3—12 pdr. *Torpedo tubes:* 3—18 in. *Complement:* 66.

Name	*Completed*	*Builder*	
Huon	1914	Co.	1930 Discarded.
Parramatta	1910	F.	1930 Discarded.
Swan	1915	Co.	1929 Scrapped.
Torrens	1915	Co.	1929 Scrapped.
Warrego*	1911	F.	1929 Scrapped.
Yarra	1910	Dny.	1929 Scrapped.

* Erected in Australia.

(NOTE: There was no 'J' class.)

K (ACASTA) CLASS

Length: 257—266 ft. *Beam:* 26½—28 ft. *Displacement:* 935—1,000 tons.
Turbines. 3 screws. 22,500—25,000 h.p. 30—32 knots.
Guns: 3—4 in. *Torpedo tubes:* 2—21 in. *Complement:* 75—77.
Funnels as H class (Code 35h), but the 'K's' differed in having the forward torpedo tube between the second and third funnels, instead of abaft.

K CLASS

(1)

Name	Completed	Builder	
Acasta	1912	C.	1921 Sold.
Achates	1912	C.	1921 Sold.
Ambuscade	1913	C.	1921 Sold.
Christopher	1912	HL.	1921 Sold.
Cockatrice	1912	HL.	1921 Sold.
Contest	1913	HL.	1917 Torpedoed, U-boat in the Channel.
Lynx	1913	L. & G.	1915 Mined off Moray Firth.
Midge	1913	L. & G.	1921 Sold.
Owl	1913	L. & G.	1921 Sold.
Shark	1912	SH.	1916 Sunk at Jutland.
Sparrowhawk	1912	SH.	1916 Sunk at Jutland.
Spitfire	1913	SH.	1921 Sold.

(2) As above but 2 screws and different disposition of armament.

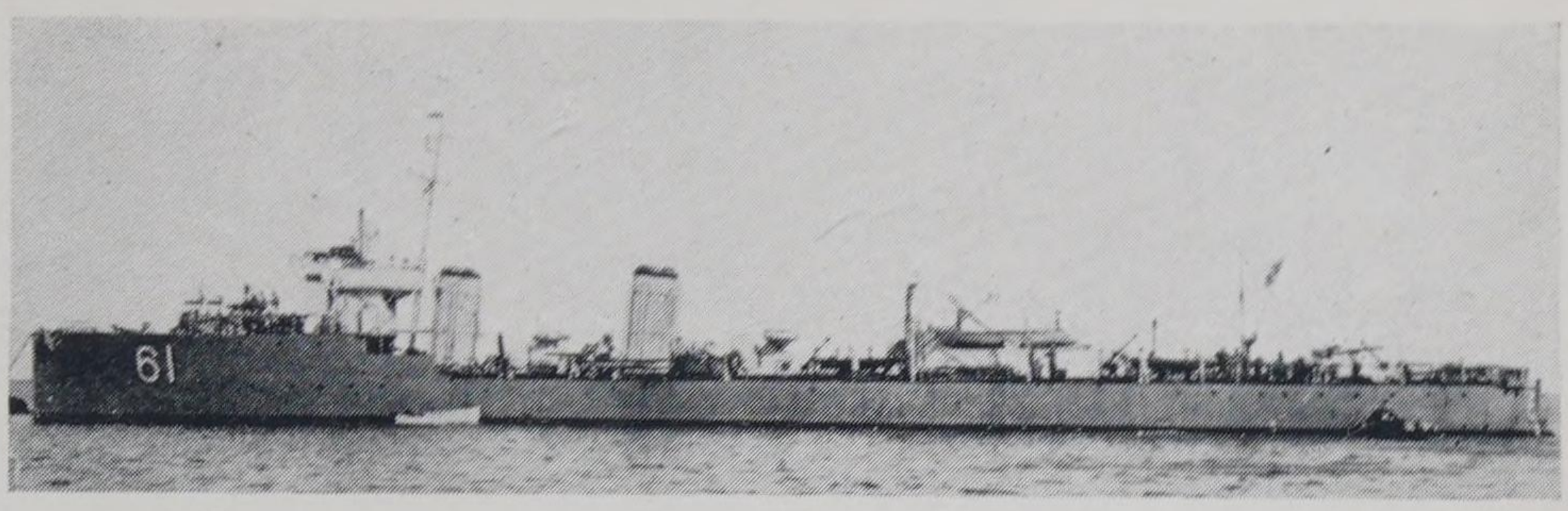
Name	Completed	Builder	
Garland	1913	CL.	1921 Sold.
Hardy	1912	T.	1921 Sold.
Paragon	1913	T.	1917 Torpedoed, destroyer in Straits of Dover.
Porpoise	1913	T.	1920 Became Brazilian *Maranhao*.
Unity	1913	T.	1922 Sold.
Victor	1913	T.	1923 Sold.

(3) The prototype for the three-funnelled 'L' class next described, but had cut-away bows instead of raked.

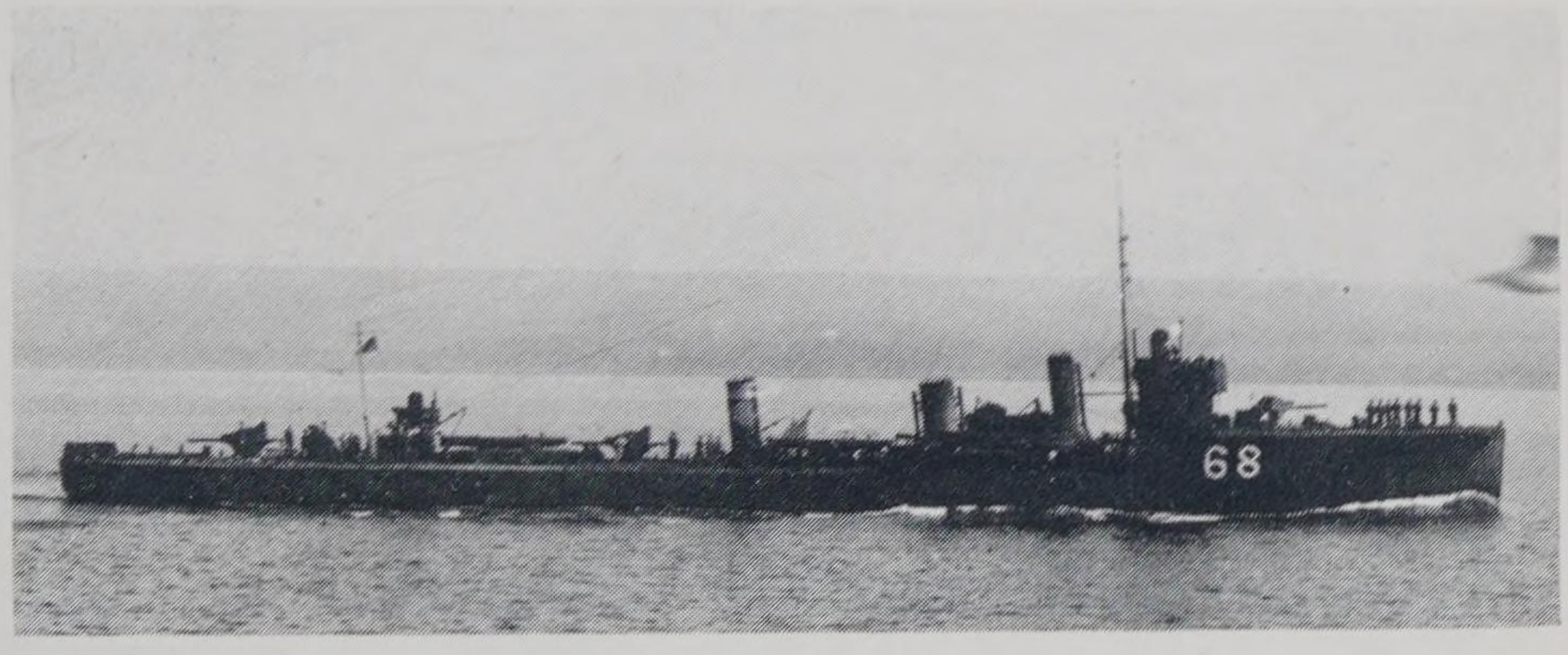
Name	Completed	Builder	
Fortune	1913	F.	1916 Sunk at Jutland.

(4) The prototype for the two-funnelled (Code 22) 'L' class next described.

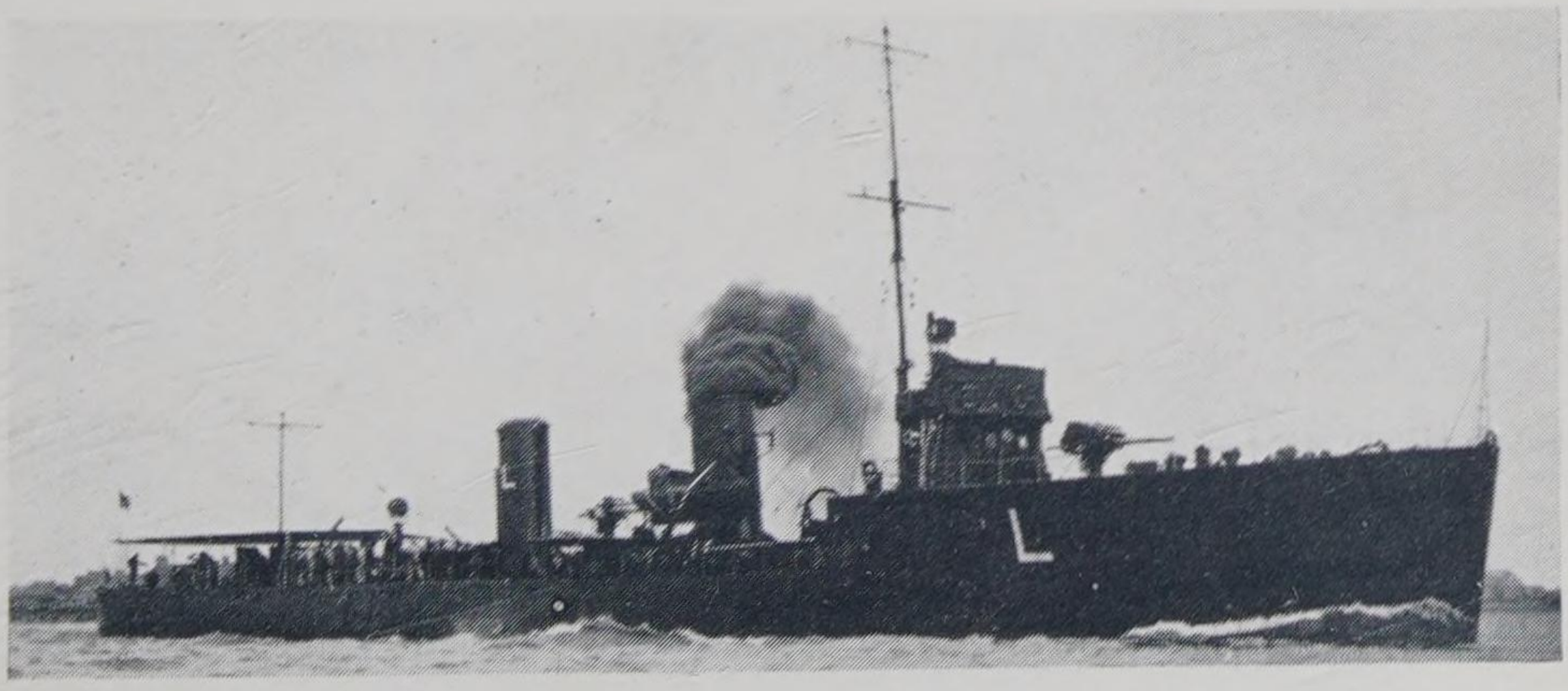
Name	Completed	Builder	
Ardent	1913	Dny.	1916 Sunk at Jutland.



H.M.A.S. *Swan* (Australian ' I ' Class). [*I.W.M.*



H.M.S. *Unity* (' K ' Class). [*I.W.M.*



H.M.S. *Laurel* (Two-funnelled ' L ' Class).

L CLASS

Length: 269 ft. *Beam:* 27½ ft. *Displacement:* 965—1,072 tons.
Turbines. 2 screws. 22,500—24,500 h.p. 29—31 knots.
Guns: 3—4 in., 1—2 pdr. *Torpedo tubes:* 4 (2×2)—21 in. *Complement:* 77.

(1) With two funnels (Code 22).

Name	Completed	Builder	
Landrail	1914	Y.	1921 Sold.
Lark	1913	Y.	1923 Sold.
Laurel	1913	W.	1921 Sold.
Laverock	1914	Y.	1921 Sold.
Liberty	1913	W.	1921 Sold.
Linnet	1913	Y.	1921 Sold.

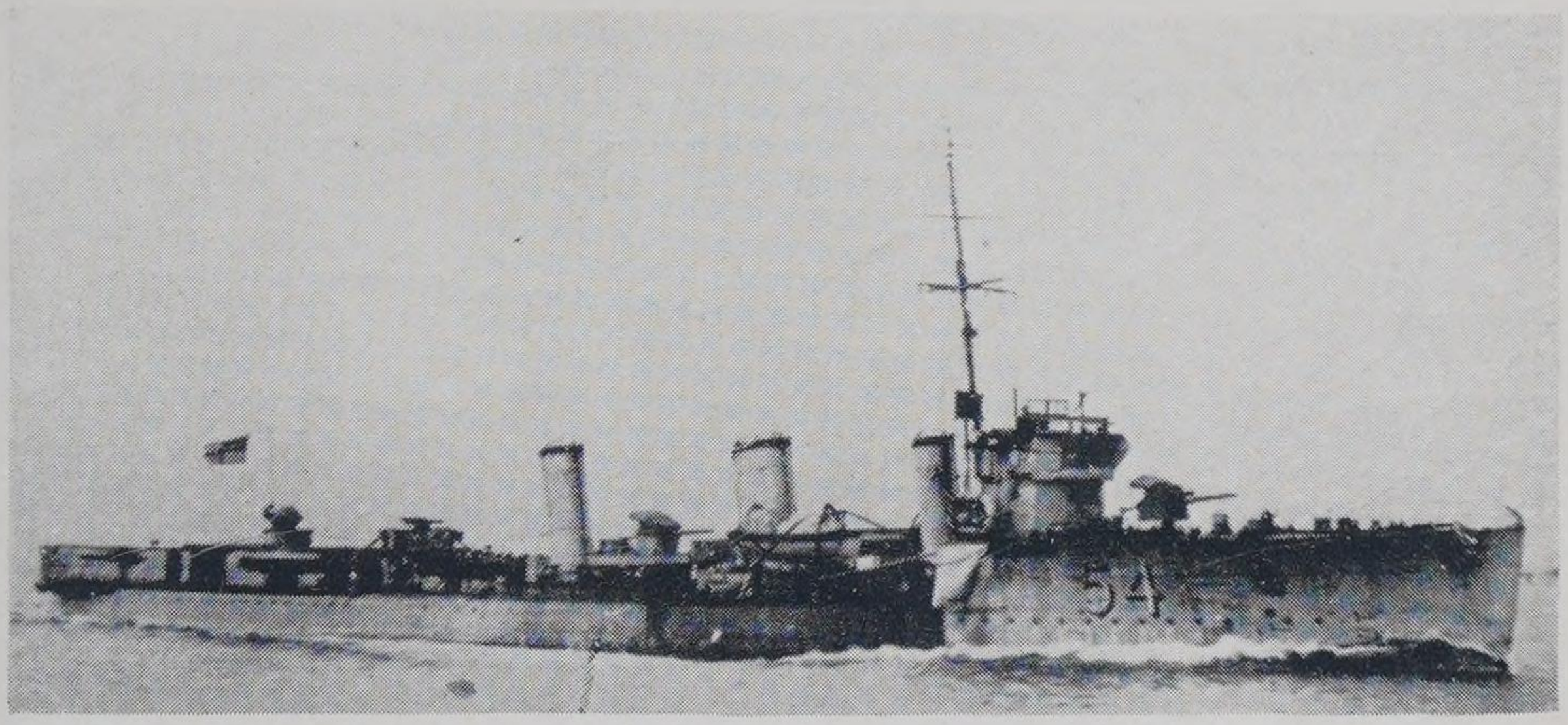
(2) With three funnels (Code 35).

Name	Completed	Builder	
Laertes	1913	SH.	1921 Sold.
Laforey	1913	F.	1917 Mined in the Channel.
Lance	1914	T.	1921 Sold.
Lassoo	1915	WB.	1916 Mined in the North Sea.
Lawford	1913	F.	1922 Sold.
Legion (M.L.)	1914	Dny.	1921 Sold.
Lennox	1914	WB.	1921 Sold.
Leonidas	1913	HL.	1921 Sold.
Llewellyn	1913	WB.	1922 Sold.
Lochinvar	1915	WB.	1921 Sold.
Lookout	1914	T.	1922 Sold.
Louis	1913	F.	1915 Wrecked in Suvla Bay.
Loyal	1913	Dny.	1921 Sold.
Lucifer	1913	HL.	1921 Sold.
Lydiard	1914	F.	1921 Sold.
Lysander	1913	SH.	1922 Sold.

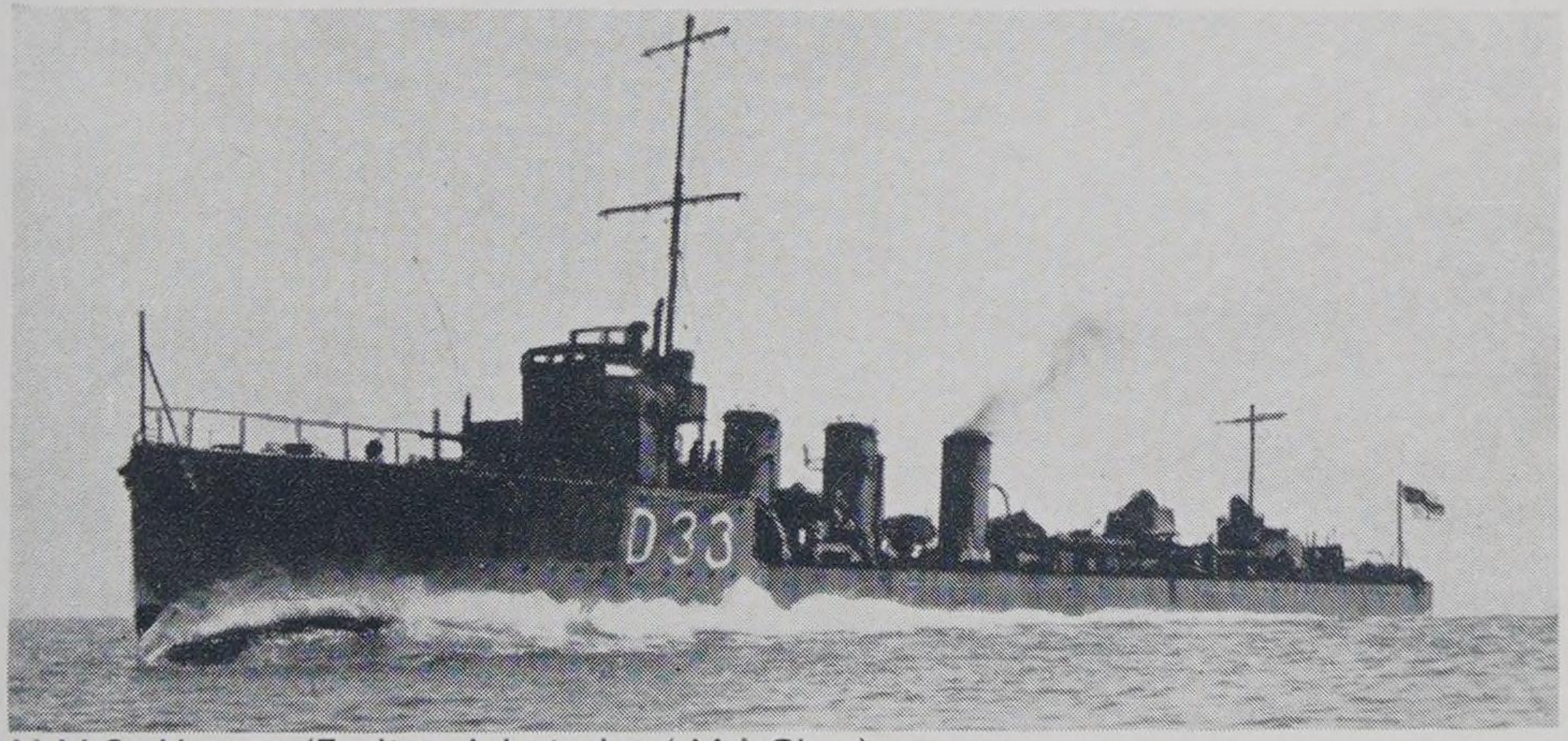
M CLASS

Length: 271—276 ft. *Beam:* 26¾ ft. *Displacement:* 994—1,042 tons.
Turbines. 3 screws. 25,000 h.p. 34 knots.
Guns: 3—4 in., 1—2 pdr. *Torpedo tubes:* 4 (2×2)—21 in.
Complement: 80—98.

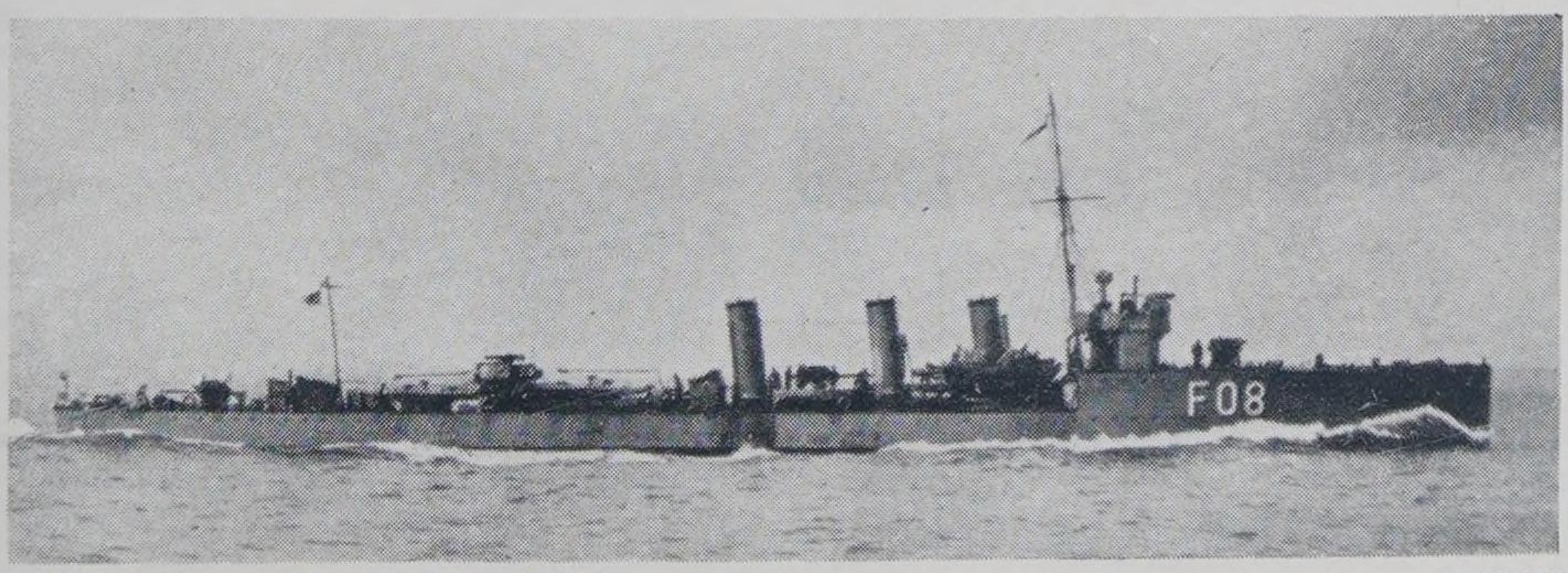
(1) Admiralty M Type. Three funnels (Code 32).
Earlier ships had straight (not raked) stems and shorter funnels.



H.M.S. *Legion* (three-funnelled ' L ' Class) as Mine layer. The mines are concealed behind the painted canvas screens aft. [*I.W.M.*



H.M.S. *Murray* (Earlier Admiralty ' M ' Class).



H.M.S. *Oracle* (Admiralty ' M ' Class). [*I.W.M.*

M CLASS

Name	Completed	Builder		
Maenad	1915	Dny.	1921	Sold.
Magic	1916	W.	1921	Sold.
Mameluke	1915	C.	1921	Sold.
Mandate	1915	F.	1921	Sold.
Manners	1915	F.	1921	Sold.
Marmion	1915	SH.	1917	Sunk, collision in North Sea.
Marne	1915	C.	1921	Sold.
Martial	1915	SH.	1921	Sold.
Marvel	1915	Dny.	1921	Sold.
Mary Rose	1916	Pal.	1917	Sunk, action off Norway.
Matchless	1914	SH.	1921	Sold.
Medina	1916	W.	1921	Sold.
Medway	1916	W.	1921	Sold.
Menace	1916	SH.	1921	Sold.
Michael	1915	T.	1921	Sold.
Millbrook	1915	T.	1921	Sold.
Milne	1914	C.	1921	Sold.
Mindful	1915	F.	1921	Sold.
Minion	1915	T.	1921	Sold.
Mischief	1915	F.	1921	Sold.
Mons	1915	C.	1921	Sold.
Moorsom	1915	C.	1921	Sold.
Moresby	1916	W.	1921	Sold.
Morris	1914	C.	1921	Sold.
Munster	1916	T.	1921	Sold.
Murray	1914	Pal.	1921	Sold.
Myngs	1915	Pal.	1921	Sold.
Mystic	1915	Dny.	1921	Sold.
Napier	1916	C.	1921	Sold.
Narborough	1916	C.	1918	Wrecked, off Scapa in snow-storm.
Narwhal	1916	Dny.	1919	Sold.
Negro	1916	Pal.	1916	Sunk, collision in North Sea.
Nepean	1916	T.	1921	Sold.
Nereus	1916	T.	1921	Sold.
Nessus	1915	SH.	1918	Sunk, collision in North Sea.
Nestor	1916	SH.	1916	Sunk at Jutland.
Nicator	1916	Dny.	1921	Sold.
Nizam	1916	St./WB.	1921	Sold.
Noble	1916	St.	1921	Sold.
Nomad	1916	St.	1916	Sunk at Jutland.
Nonpareil	1916	St.	1921	Sold.
Nonsuch	1916	Pal.	1921	Sold.
Norman	1916	Pal.	1921	Sold.
Norseman	1916	Dx.	1921	Sold.
North Star	1917	Pal.	1918	Sunk, action off Zeebrugge.
Northesk	1916	Pal.	1921	Sold.
Nugent	1917	Pal.	1921	Sold.
Obdurate	1916	Sc.	1921	Sold.
Obedient	1916	Sc.	1921	Sold.

M CLASS

Name	*Completed*	*Builder*		
Oberon	1916	Dx.	1921	Sold.
Observer	1916	F.	1921	Sold.
Octavia	1916	Dx.	1921	Sold.
Offa	1916	F.	1921	Sold.
Onslaught	1916	F.	1921	Sold.
Onslow	1916	F.	1921	Sold.
Opal	1916	Dx.	1918	Wrecked, off Scapa in snow-storm.
Ophelia	1916	Dx.	1921	Sold.
Opportune	1916	Dx.	1923	Sold.
Oracle	1916	Dx.	1921	Sold.
Orcadia	1916	F.	1921	Sold.
Orestes	1916	Dx.	1921	Sold.
Orford	1916	Dx.	1921	Sold.
Oriana	1916	F.	1921	Sold.
Oriole	1916	Pal.	1921	Sold.
Orpheus	1916	Dx.	1921	Sold.
Osiris	1916	Pal.	1921	Sold.
Ossory	1915	C.	1921	Sold.
Paladin	1916	Sc.	1921	Sold.
Parthian	1916	Sc.	1921	Sold.
Partridge	1916	SH.	1917	Sunk, action off Norway.
Pasley	1916	SH.	1921	Sold.
Pelican	1916	WB.	1921	Sold.
Pellew	1916	WB.	1921	Sold.
Penn	1916	C.	1921	Sold.
Peregrine	1916	C.	1921	Sold.
Petard	1916	Dny.	1921	Sold.
Peyton	1916	Dny.	1921	Sold.
Pheasant	1916	F.	1917	Mined off the Orkneys.
Phoebe	1916	F.	1921	Sold.
Pigeon	1916	HL.	1921	Sold.
Plover	1916	HL.	1921	Sold.
Plucky	1916	Sc.	1921	Sold.
Portia	1916	Sc.	1921	Sold.
Prince	1916	St.	1921	Sold.
Pylades	1916	St./WB.	1921	Sold.

(2) Hawthorn M Type. Four funnels (Code 44).
As Admiralty M but
Beam: 27½ ft. 1,055 tons. 2 screws. 27,000 h.p. 35 knots.

Name	*Completed*	*Builder*		
Mansfield	1915	HL.	1921	Sold.
Mentor	1915	HL.	1921	Sold.

(3) Yarrow M Type. Two funnels (Code 22).
As Admiralty M but
Length: 269½—271½ ft. 880—900 tons. 2 screws. 23,000 h.p. 34—39 knots.

Name	*Completed*	*Builder*	
Manly	1914	Y.	1921 Sold.
Minos	1914	Y.	1920 Sold.
Miranda	1914	Y.	1921 Sold.
Moon	1915	Y.	1921 Sold.
Morning Star	1915	Y.	1921 Sold.
Mounsey	1915	Y.	1921 Sold.
Musketeer	1915	Y.	1921 Sold.
Nerissa	1916	Y.	1921 Sold.
Relentless	1916	Y.	1926 Sold.
Rival	1916	Y.	1926 Sold.

(4) Yarrow later M Type. As (3) above but 900—925 tons.

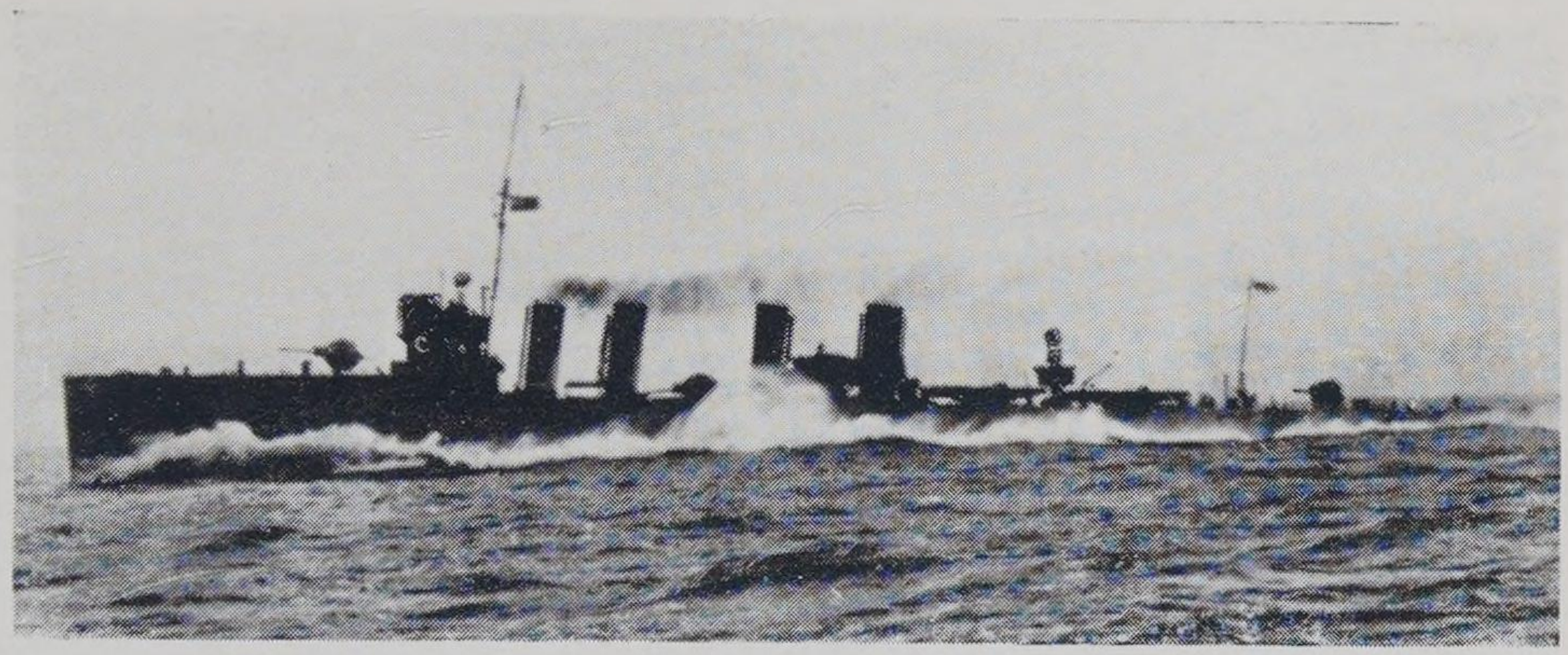
Name	*Completed*	*Builder*	
Sabrina	1916	Y.	1927 Sold.
Strongbow	1916	Y.	1917 Sunk, action off Norway.
Surprise	1917	Y.	1917 Mined in the North Sea.
Sybille	1917	Y.	1926 Sold.
Truculent	1917	Y.	1927 Sold.
Tyrant	1917	Y.	1939 Sold.
Ulleswater	1917	Y.	1918 Torpedoed, U-boat off Dutch Coast.

(5) Thornycroft M Type. Three funnels (Code 35).
As Admiralty M but
985—1,070 tons. 2 screws. 27,000 h.p. 35—37 knots.

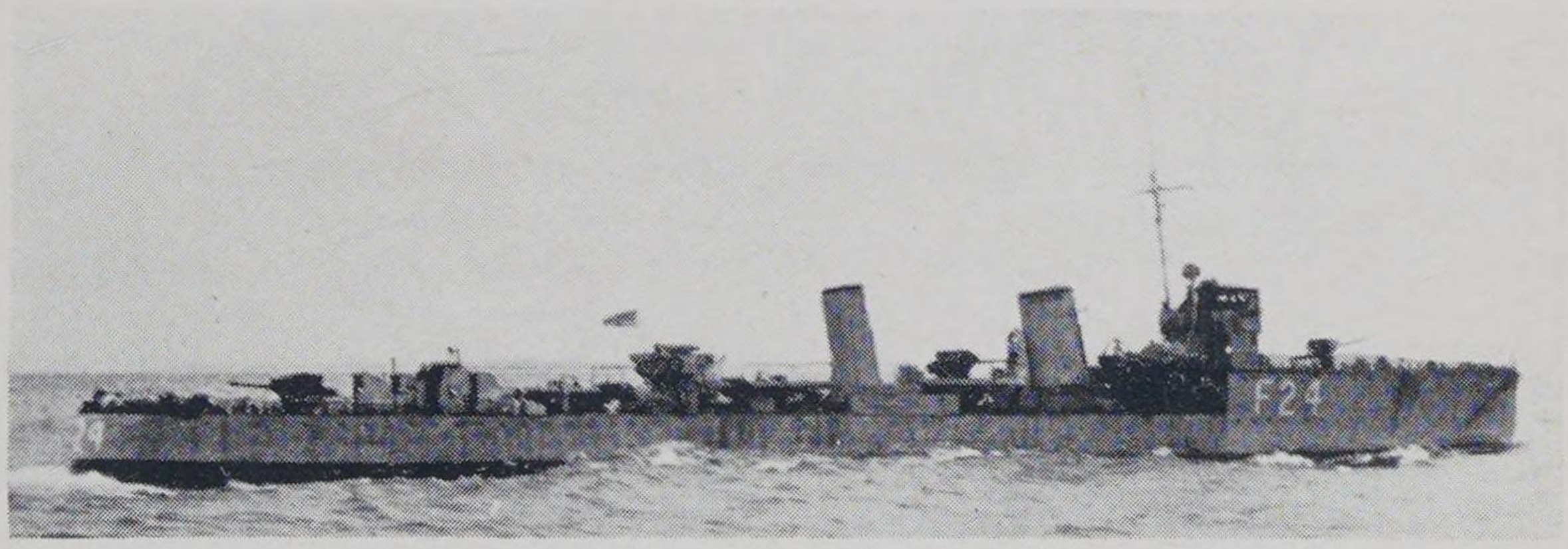
Name	*Completed*	*Builder*	
Mastiff	1914	T.	1921 Sold.
Meteor (M.L.)	1914	T.	1921 Sold.
Patrician	1916	T.	1920 to Canada. 1928 Drillship (Pacific Coast).
Patriot	1916	T.	1920 to Canada. 1928 Drillship (Atlantic Coast).
Rapid	1916	T.	1927 Sold.
Ready	1916	T.	1926 Sold.

(6) Ex-Greek M Type. Three funnels (Code 33h).
Generally similar to Admiralty M Type. Ordered by Greece and taken over in 1914.

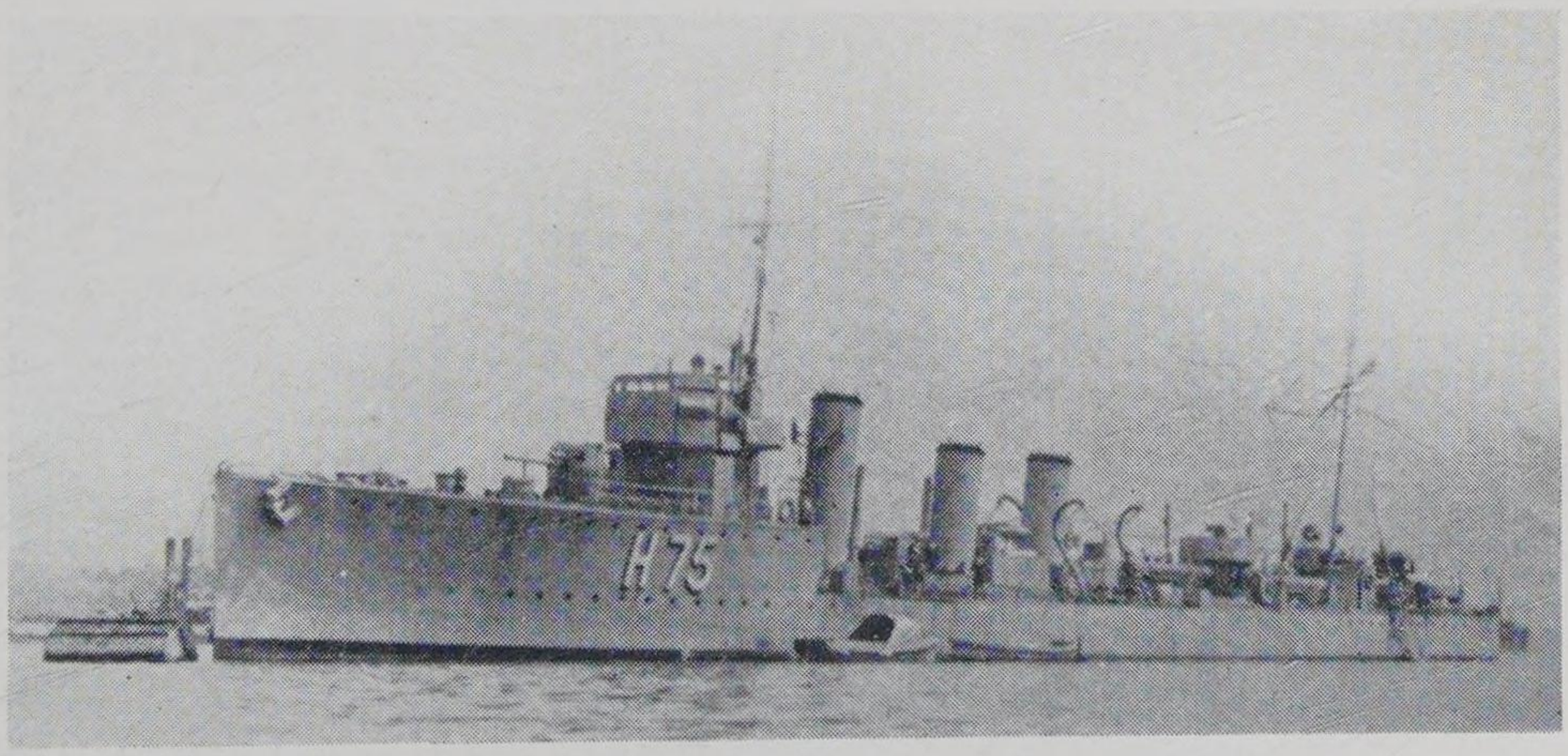
Name	*Completed*	*Builder*	
Medea	1915	C.	1921 Sold.
Medusa	1915	C.	1916 Sunk, collision off Denmark.
Melampus	1915	F.	1921 Sold.
Melpomene	1915	F.	1921 Sold.



H.M.S. *Mansfield* (Hawthorn ' M ' Class). [*I.W.M.*



H.M.S. *Rival* (Yarrow ' M ' Class). [*N.P.C.*



H.M.S. *Melampus* (ex-Greek ' M ' Class). [*N.P.C.*

Apart from H.M.S. *Swift*, the only destroyer leaders projected before the war were two Marksman class. Fortunately two lots of four ships, ordered by foreign powers, were under construction and taken over.

BOTHA CLASS LEADERS

Chilean Almirante class. Four funnels (Code 46h).
Length: 331⅓ ft. *Beam:* 32½ ft. *Displacement:* 1,694—1,742 tons.
Turbines. 3 screws. 30,000 h.p. 32 knots.
Guns: 4—4 in.*, 2—2 pdr. *Torpedo tubes:* 4 (2×2)—21 in. *Complement:* 205.
* Later 2—4.7 in., 2—4 in.

Name	*Completed*	*Builder*		
Botha	1914	W.	1920	Sold back to Chile.
Broke	1914	W.	1920	Sold back to Chile.
Faulknor	1914	W.	1920	Sold back to Chile.
Tipperary	1915	W.	1916	Sunk at Jutland.

TALISMAN CLASS

Ex-Turkish ships. Three funnels (Code 33).
Length: 309 ft. *Beam:* 28 ft. *Displacement:* 1,098 tons.
Turbines. 3 screws. 25,000 h.p. 32 knots.
Guns: 5—4 in. *Torpedo tubes:* 4 (2×2)—21 in. *Complement:* 102.

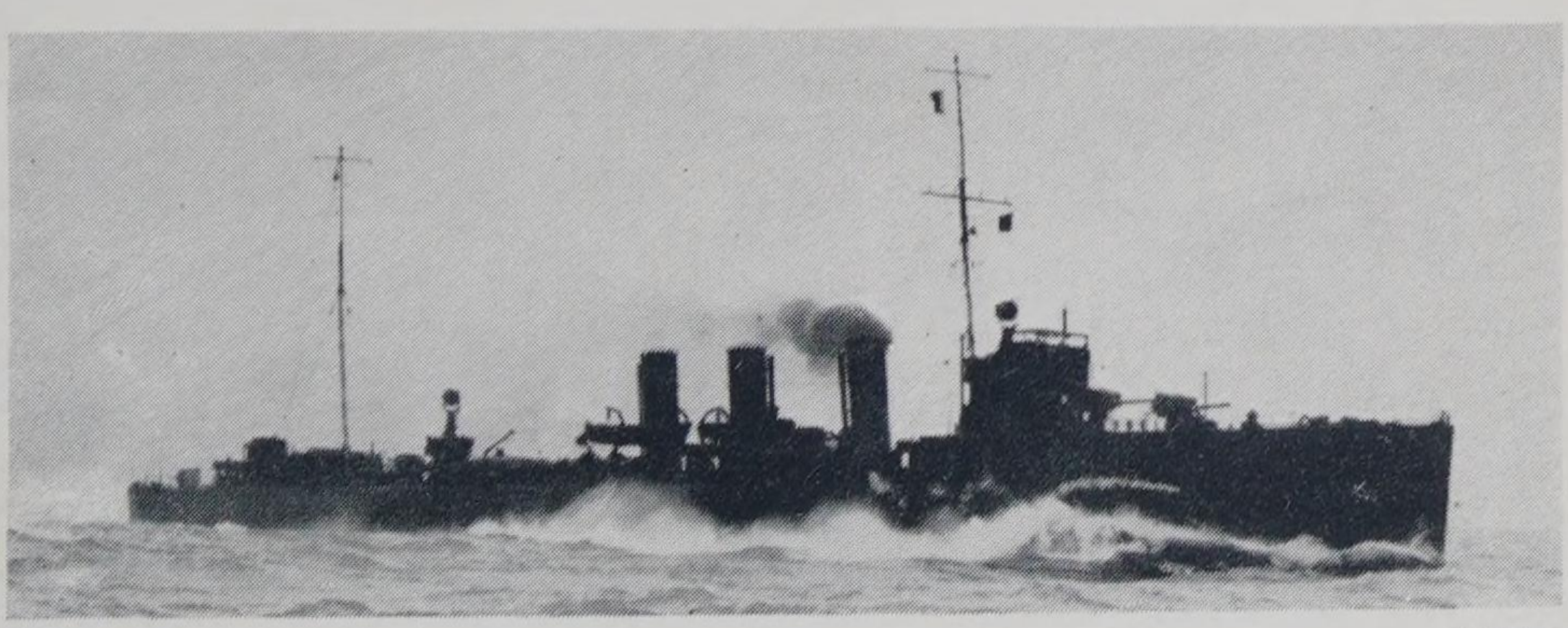
Name	*Completed*	*Builder*		
Talisman	1916	HL.	1921	Sold.
Termagant	1916	HL.	1921	Sold.
Trident	1916	HL.	1921	Sold.
Turbulent	1916	HL.	1916	Rammed and sunk at Jutland

A more heavily-armed version of the M class, they proved very successful when acting as Leaders.

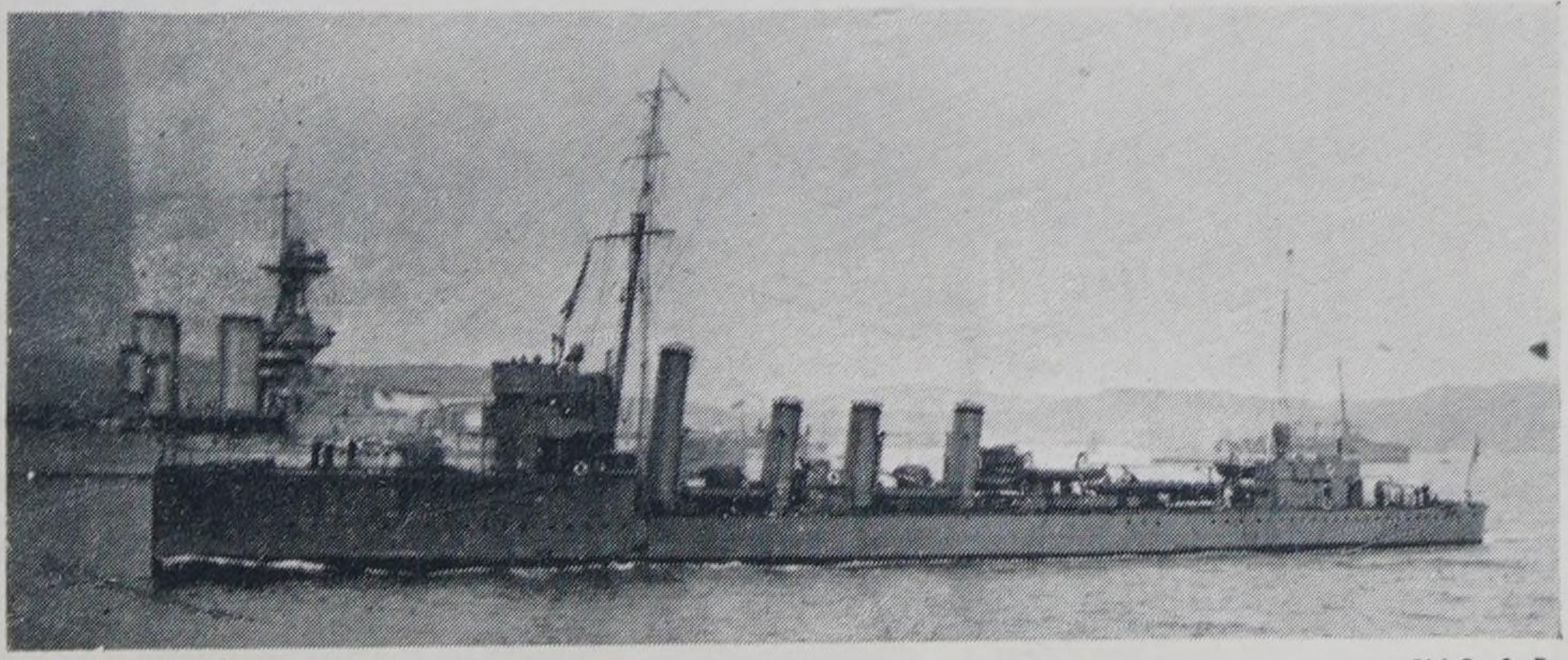
MARKSMAN CLASS LEADERS

Length: 325 ft. *Beam:* 31¾ ft. *Displacement:* 1,604—1,655 tons.
Turbines. 3 screws. 36,000 h.p. 34 knots.
Guns: 4—4 in., 1—3 in. A.A., 2—2 pdr. *Torpedo tubes:* 4 (2×2)—21 in.
Complement: 106—116.
(1) Four funnels (Code 42, later 42h).

H.M.S. *Tipperary* (Broke Class Leader). [*I.W.M.*



H.M.S. *Talisman*. [*I.W.M.*



H.M.S. *Ithuriel* (Marksman Class Leader). [*H.S. & R.*

MARKSMAN CLASS

Name	*Completed*	*Builder*	
Gabriel (M.L.)	1916	CL.	1921 Sold.
Ithuriel	1916	CL.	1921 Sold.
Kempenfelt	1915	CL.	1921 Sold.
Lightfoot	1915	W.	1921 Sold.
Marksman	1915	HL.	1921 Sold.
Nimrod	1915	Dny.	1926 Sold.

(2) Mine-layer. Four funnels (Code 42, not heightened).
As above but 3—4 in. guns, no torpedo tubes, 72 mines.

Name	*Completed*	*Builder*	
Abdiel (M.L.)	1916	CL.	1936 Sold.

LATER MARKSMAN CLASS LEADERS

As above but 1,670 tons and three funnels (Code 36h).

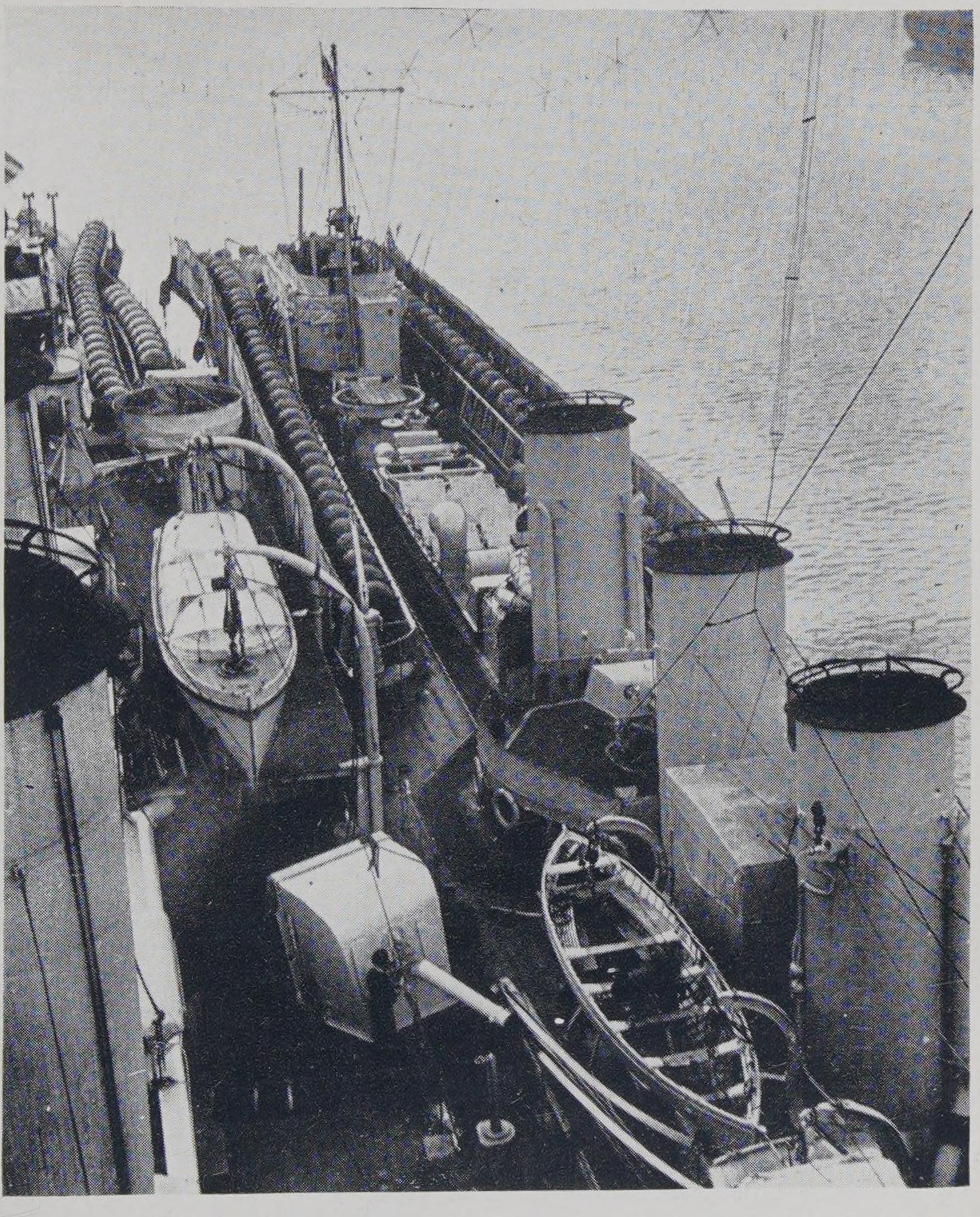
Name	*Completed*	*Builder*	
Anzac	1917	Dny.	1919 To Australia. 1934 Discarded.
Grenville	1916	CL.	1931 Sold.
Hoste	1916	CL.	1916 Sunk, collision in North Sea.
Parker	1916	CL.	1921 Sold.
Saumarez	1916	CL.	1930 Sold.
Seymour	1916	CL.	1929 Sold.

R CLASS

Very similar to the M Class but with geared turbines and distinguished by having the after 4 in. gun mounted on a " bandstand ".
Length: 275 ft. *Beam:* 26¾ ft. *Displacement:* 1,036—1,096 tons.
Geared turbines. 2 screws. 27,000 h.p. 36 knots.
Guns: 3—4 in., 1—2 pdr. *Torpedo tubes* 4 (2×2)—21 in. *Complement:* 82—98.

(1) Admiralty R Type. Three funnels (Code 32).

Name	*Completed*	*Builder*	
Radstock	1916	SH.	1927 Sold.
Raider	1916	SH.	1927 Sold.
Recruit	1917	Dx.	1917 Mined in North Sea.
Redgauntlet	1917	Dny.	1926 Sold.
Redoubt	1917	Dx.	1926 Sold.
Restless	1916	C.	1936 Sold.



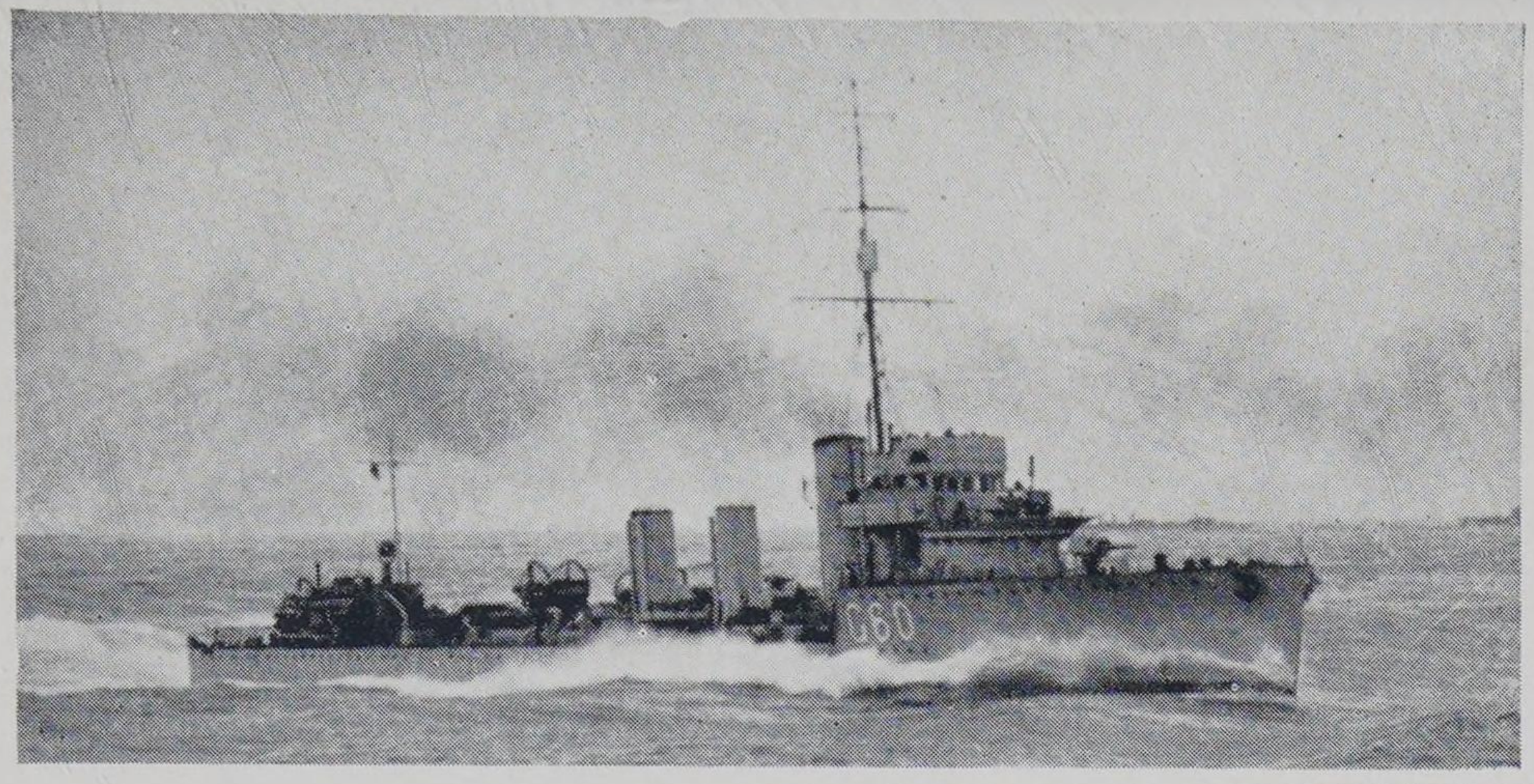
H.M.S. *Abdiel* (Marksman Class) alongside a light cruiser, both with full complement of mines. [*I.W.M.*

R CLASS

Name	*Completed*	*Builder*	
Rigorous	1916	C.	1926 Sold.
Rob Roy	1916	Dny.	1926 Sold.
Rocket	1916	Dny.	1926 Sold.
Romola	1916	C.	1930 Sold.
Rowena	1916	C.	1937 Sold.
Sable	1916	W.	1927 Sold.
Salmon	1916	H. & W.(G)	1933 Renamed *Sable*. 1937 Sold.
Sarpedon	1916	HL.	1926 Sold.
Satyr	1917	WB.	1926 Sold.
Sceptre	1917	St.	1926 Sold.
Setter	1917	W.	1917 Sunk, collision off Harwich in fog.
Sharpshooter	1917	WB.	1927 Sold.
Simoom	1916	C.	1917 Sunk, action in the North Sea.
Skate	1917	C.	1947 Scrapped.
Skilful	1917	H. & W.(G)	1926 Sold.
Sorceress	1916	SH.	1927 Sold.
Springbok	1917	H. & W.(G)	1926 Sold.
Starfish	1916	HL.	1928 Sold.
Stork	1917	HL.	1927 Sold.
Sturgeon	1917	St.	1926 Sold.
Sylph	1917	H. & W.(G)	1926 Sold.
Tancred	1917	WB.	1928 Sold.
Tarpon (M.L.)	1917	C.	1927 Sold.
Telemachus (M.L.)	1917	C.	1926 Sold.
Tempest	1917	F.	1937 Sold.
Tenacious	1917	H. & W.(G)	1928 Sold.
Tetrarch	1917	H. & W.(G)	1934 Sold.
Thisbe	1917	HL.	1937 Sold.
Thruster	1917	HL.	1937 Sold.
Tormentor	1917	St.	1929 Sold.
Tornado	1917	St.	1917 Mined in the North Sea.
Torrent	1917	SH.	1917 Mined in the North Sea.
Torrid	1917	SH.	1937 Sold.

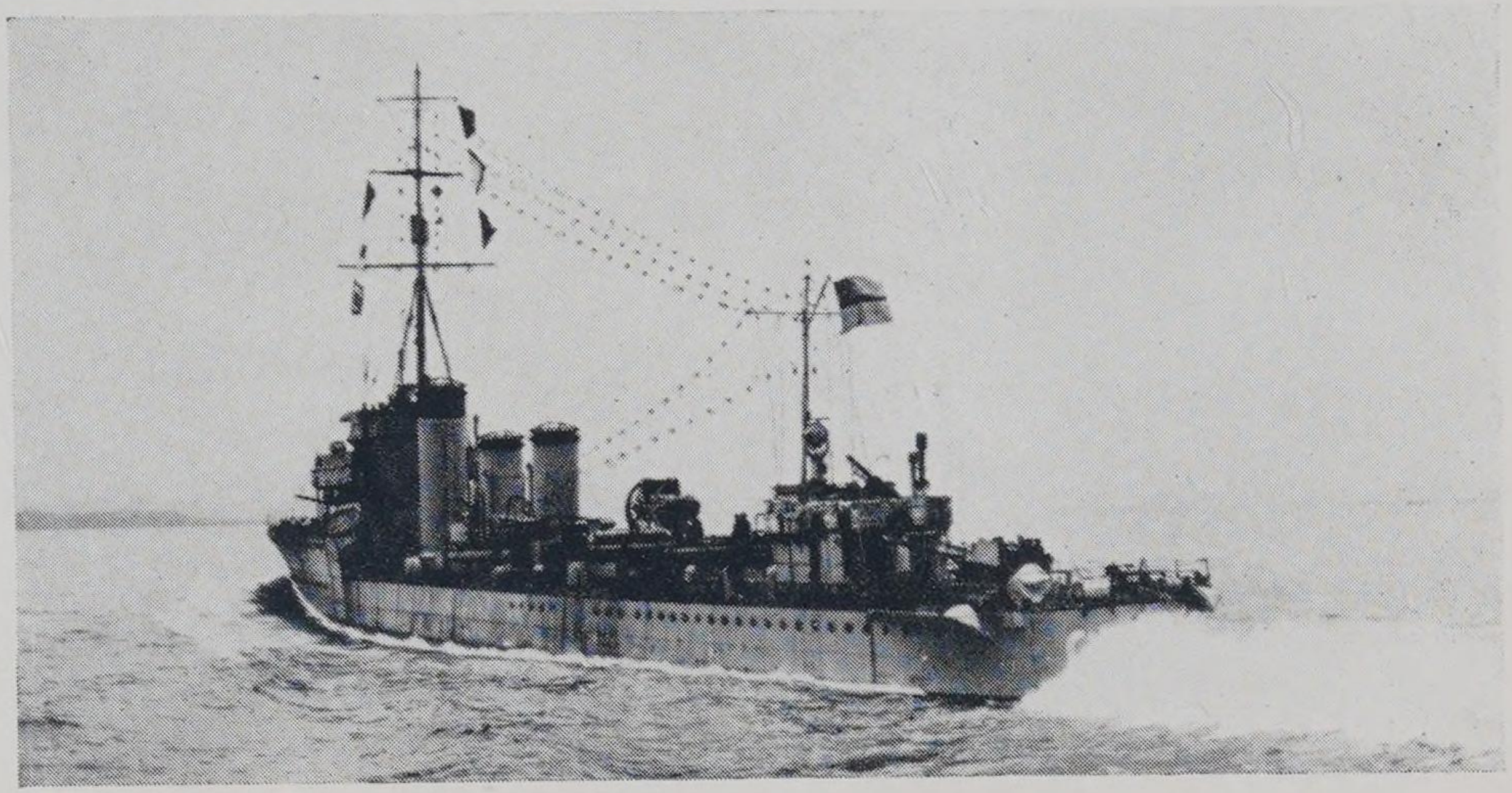
(2) Thornycroft R Type. Three funnels (Code 35).
As Admiralty type (1), but 29,000 h.p. 37—40 knots.

Name	*Completed*	*Builder*	
Radiant	1917	T.	1920 Became Siamese *Phra Ruang*.
Retriever	1917	T.	1927 Sold.
Rosalind	1916	T.	1926 Sold.
Taurus	1917	T.	1930 Sold.
Teazer	1917	T.	1931 Sold.



H.M.S. *Anzac* (Later Marksman Class Leader).

[*I.W.M*



H.M.S. *Seymour* (Later Marksman Class Leader).

[*I.W.M.*

Above: Destroyers screening the Grand Fleet in the North Sea during the War.

Below: Destroyer Pens on the Forth. In the foreground H.M.S. *Patrician*, Thorn

foreground three Admiralty ' M's ' and a Marksman Class Leader.

M' class . (GA1).

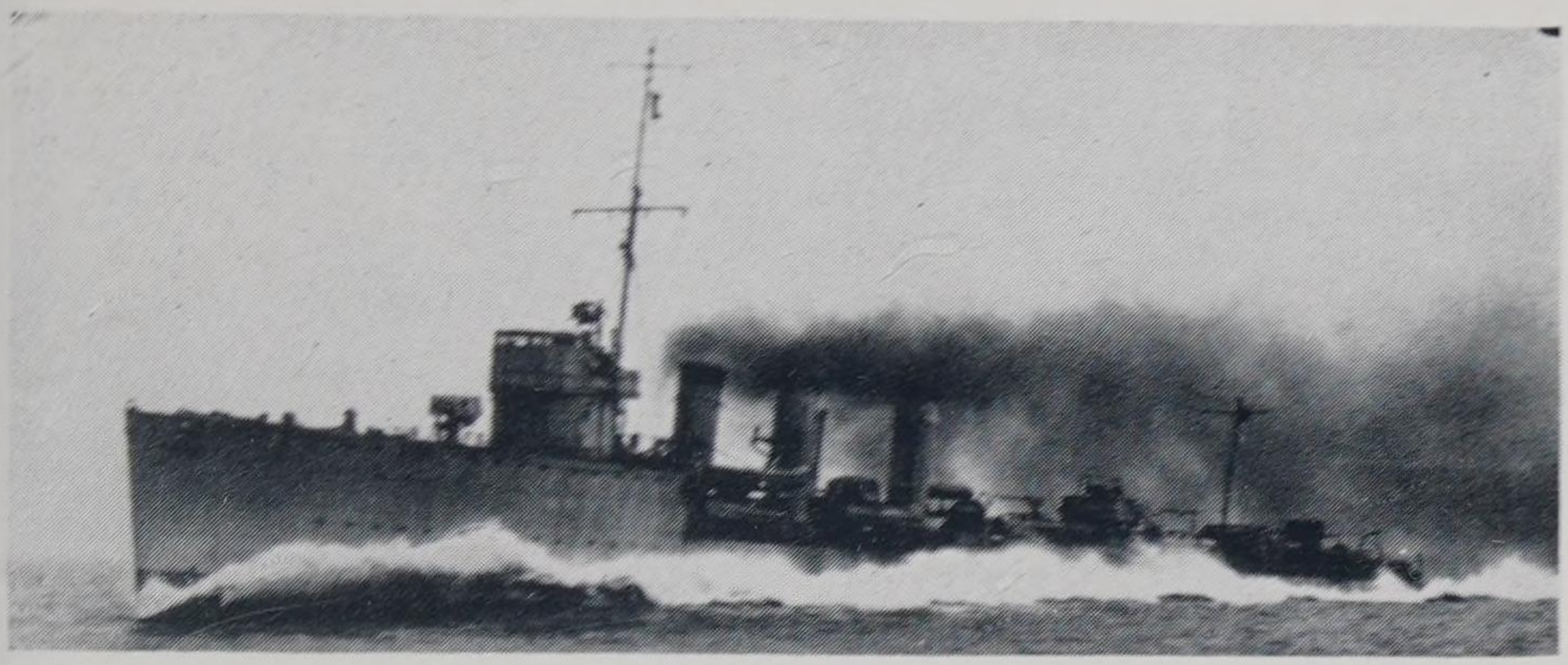
(3) Modified Admiralty R Type. Two funnels (Code 22).
As (1) but length 276 ft., 1,085—1091 tons. They incorporated the advantages of the Yarrow M's, from which they can be distinguished by their longer forecastles.

Name	Completed	Builder	
Tirade	1917	Sc.	1921 Sold.
Tower	1917	SH.	1928 Sold.
Trenchant	1917	W.	1928 Sold.
Tristram	1917	W.	1921 Sold.
Ulster	1917	WB.	1928 Sold.
Ulysses	1917	Dx.	1918 Sunk, collision in Firth of Clyde.
Umpire	1917	Dx.	1930 Sold.
Undine	1917	F.	1928 Sold.
Urchin	1917	Pal.	1930 Sold.
Ursa	1917	Pal.	1926 Sold.
Ursula	1917	Sc.	1929 Sold.

S CLASS

Length: 275—277 ft. *Beam:* 26⅔ ft. *Displacement:* 1,075 tons.
Geared turbines. 2 screws. 27,000 h.p. 36 knots.
Guns: 3—4 in., 1—2 pdr. *Torpedo tubes:* 4 (2×2)—21 in., 2—14 in.*
Complement: 90.
* Later removed.
NOTE: Distinguished from the ships last described by higher funnels and by their forecastles which were flared forward and slightly turtle-backed.
(1) Admiralty Type. Two funnels (Code 22h).

Name	Completed	Builder	
Sabre	1918	St.	1946 Scrapped.
Saladin	1919	St.	1947 Scrapped.
Sardonyx	1919	St.	1948 Scrapped.
Scimitar	1918	C.	1947 Scrapped.
Scotsman	1918	C.	1937 Sold.
Scout	1918	C.	1948 Scrapped.
Scythe	1918	C.	1931 Sold.
Seabear	1918	C.	1930 Sold.
Seafire	1918	C.	1935 Sold.
Searcher	1918	C.	1938 Sold.
Seawolf	1919	C.	1931 Scrapped.



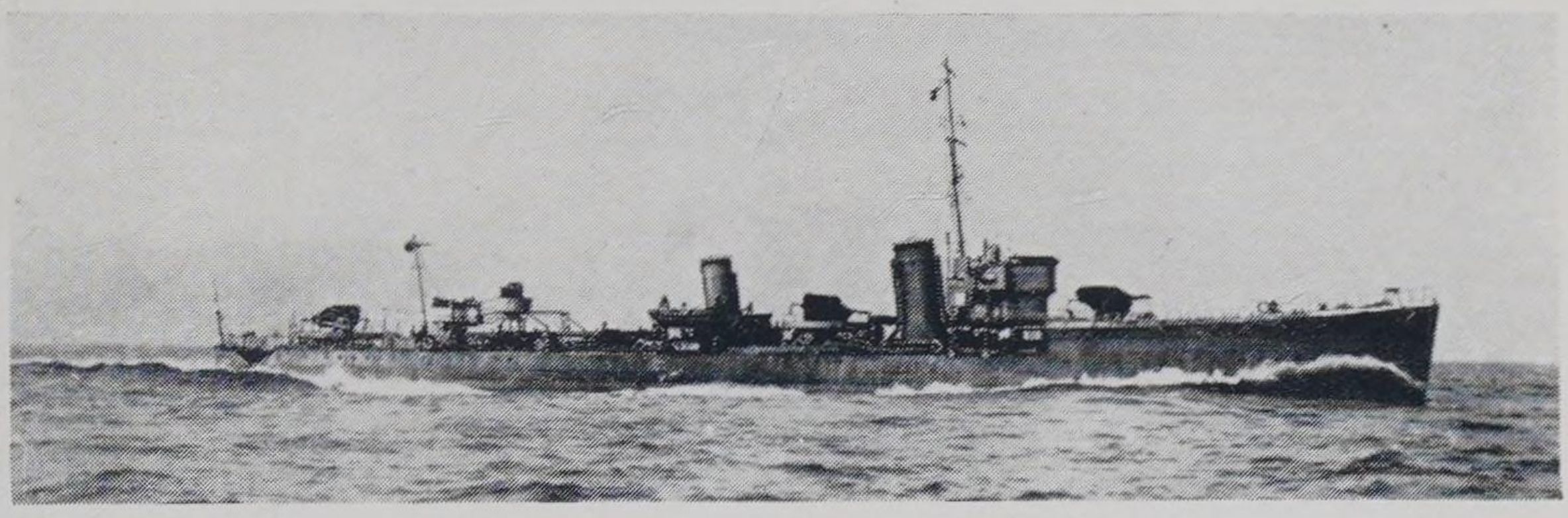
H.M.S. *Thruster* (Admiralty ' R ' Class). [*I.W.M.*

H.M.S. *Rosalind* (Thorneycroft ' R ' Class).

H.M.S. *Tristram* (Admiralty modified ' R ' Class) with ribbed funnels. [*I.W.M.*

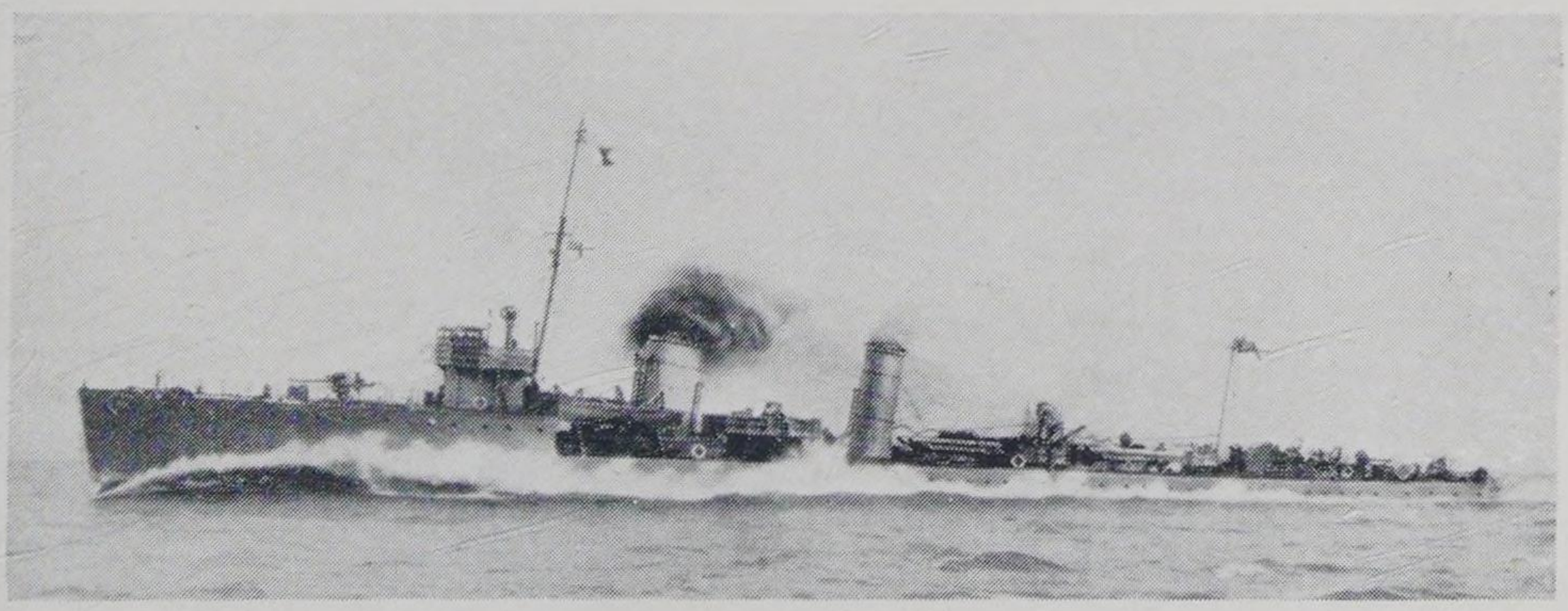
S CLASS

Name	Completed	Builder		
Senator	1918	Dny.	1935	Sold.
Sepoy	1918	Dny.	1932	Sold.
Seraph	1918	Dny.	1934	Sold.
Serapis	1919	Dny.	1932	Sold.
Serene	1919	Dny.	1935	Sold.
Sesame	1919	Dny.	1933	Sold.
Shamrock	1919	Dx.	1936	Sold.
Shark	1918	SH.	1930	Sold.
Shikari	1924[1]	Dx.	1945	Scrapped.
Sikh	1918	F.	1927	Sold.
Simoom	1918	C.	1930	Sold.
Sirdar	1918	F.	1933	Sold.
Somme	1918	F.	1932	Sold.
Sparrowhawk	1918	SH.	1930	Sold.
Spear	1918	F.	1926	Sold.
Spindrift	1919	F.	1936	Sold.
Splendid	1918	ShH.	1930	Sold.
Sportive	1918	SH.	1936	Sold.
Stalwart	1919	SH.	1919	To Australia. 1936 Discarded.
Steadfast	1919	Pal.	1933	Sold.
Sterling	1919	Pal.	1932	Sold.
Stonehenge	1919	Pal.	1920	Wrecked in Gulf of Smyrna.
Stormcloud	1919	Pal.	1933	Sold.
Strenuous	1919	Sc.	1933	Sold.
Stronghold	1919	Sc.	1942	Sunk, action with Japanese off Java.
Sturdy	1919	Sc.	1940	Wrecked, W. Coast of Scotland.
Success	1919	Dx.	1919	To Australia. 1936 Discarded.
Swallow	1918	Sc.	1936	Sold.
Swordsman	1919	Sc.	1919	To Australia. 1936 Discarded.
Tactician	1918	WB.	1930	Sold.
Tara	1918	WB.	1931	Sold.
Tasmania	1919	WB.	1919	To Australia. 1936 Discarded.
Tattoo	1919	WB.	1919	To Australia. 1936 Discarded.
Tenedos	1919	HL.	1942	Bombed and sunk at Colombo.
Thanet	1919	HL.	1942	Sunk, action with Japanese off Malaya.
Thracian	1922[2]	HL.	1941	Beached at Hong Kong, salved by Japanese, recaptured 1945, scrapped 1946.
Tilbury	1918	SH.	1930	Sold.
Tintagel	1918	SH.	1931	Sold.
Tribune	1918	W.	1933	Sold.
Trinidad	1918	W.	1931	Sold.
Trojan	1918	W.	1936	Sold.
Truant	1919	W.	1931	Sold.
Trusty	1919	W.	1936	Sold.
Turbulent	1919	HL.	1936	Sold.



H.M.S. *Shamrock* (Admiralty ' S ' Class). [I.W.M.

H.M.S. *Toreador* (Thornycroft ' S ' Class).



H.M.S. *Tyrian* (Yarrow ' S ' Class). [*Messrs. Yarrow & Co. Ltd.*

Sister ships: *Saturn* and *Sycamore* cancelled.

[1] Completed at Chatham Dockyard. [2] Completed at Sheerness Dockyard.

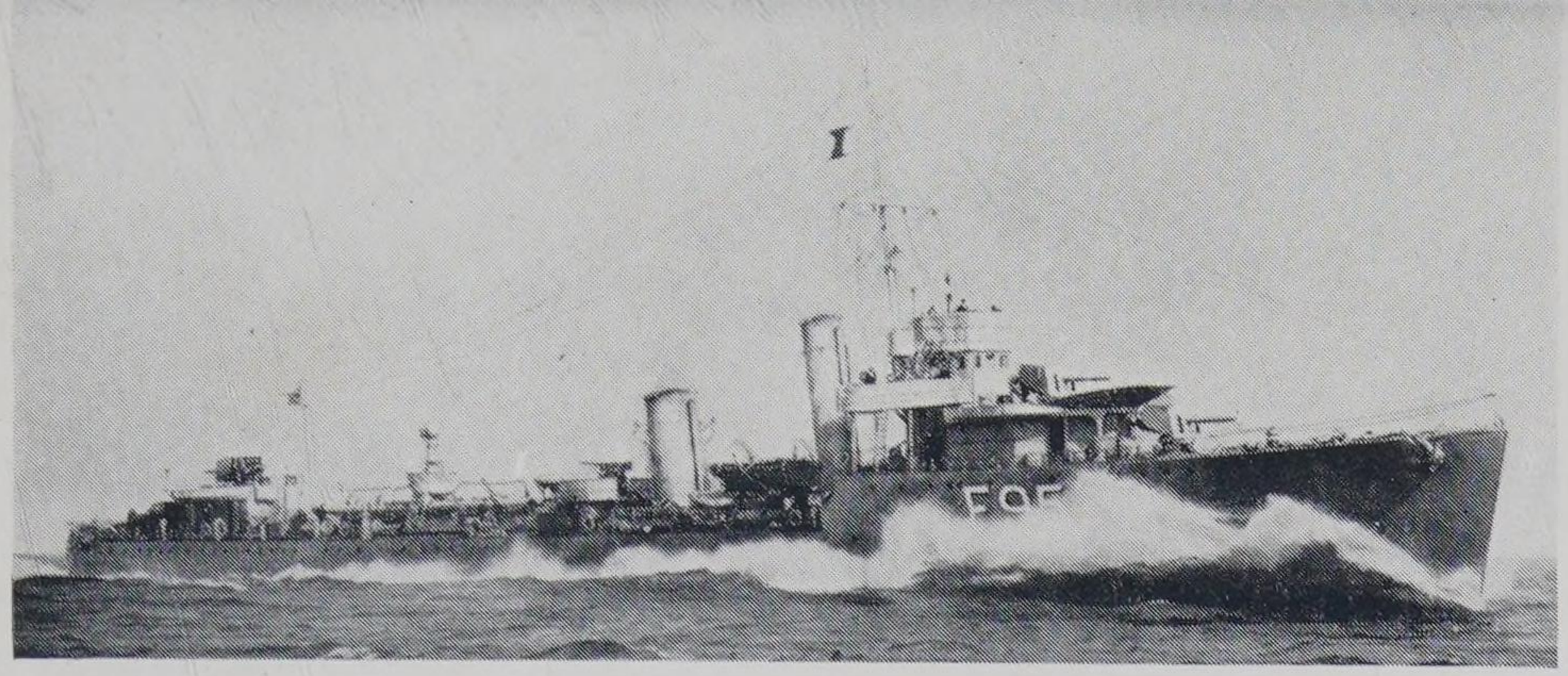
(2) Thornycroft S Type. Two funnels (Code 22, tall and flat-sided).
As Admiralty Type (1), but 1,087 tons, 29,000 h.p., 36—38 knots.

Name	*Completed*	*Builder*	
Speedy	1918	T.	1922 Sunk, collision in Sea of Marmora.
Tobago	1918	T.	1920 Mined in Black Sea. 1922 Scrapped.
Torbay	1918	T.	1928 R.C.N. *Champlain*. 1936 Discarded.
Toreador	1918	T.	1928 R.C.N. *Vancouver*. 1936 Discarded.
Tourmaline	1918	T.	1931 Sold.

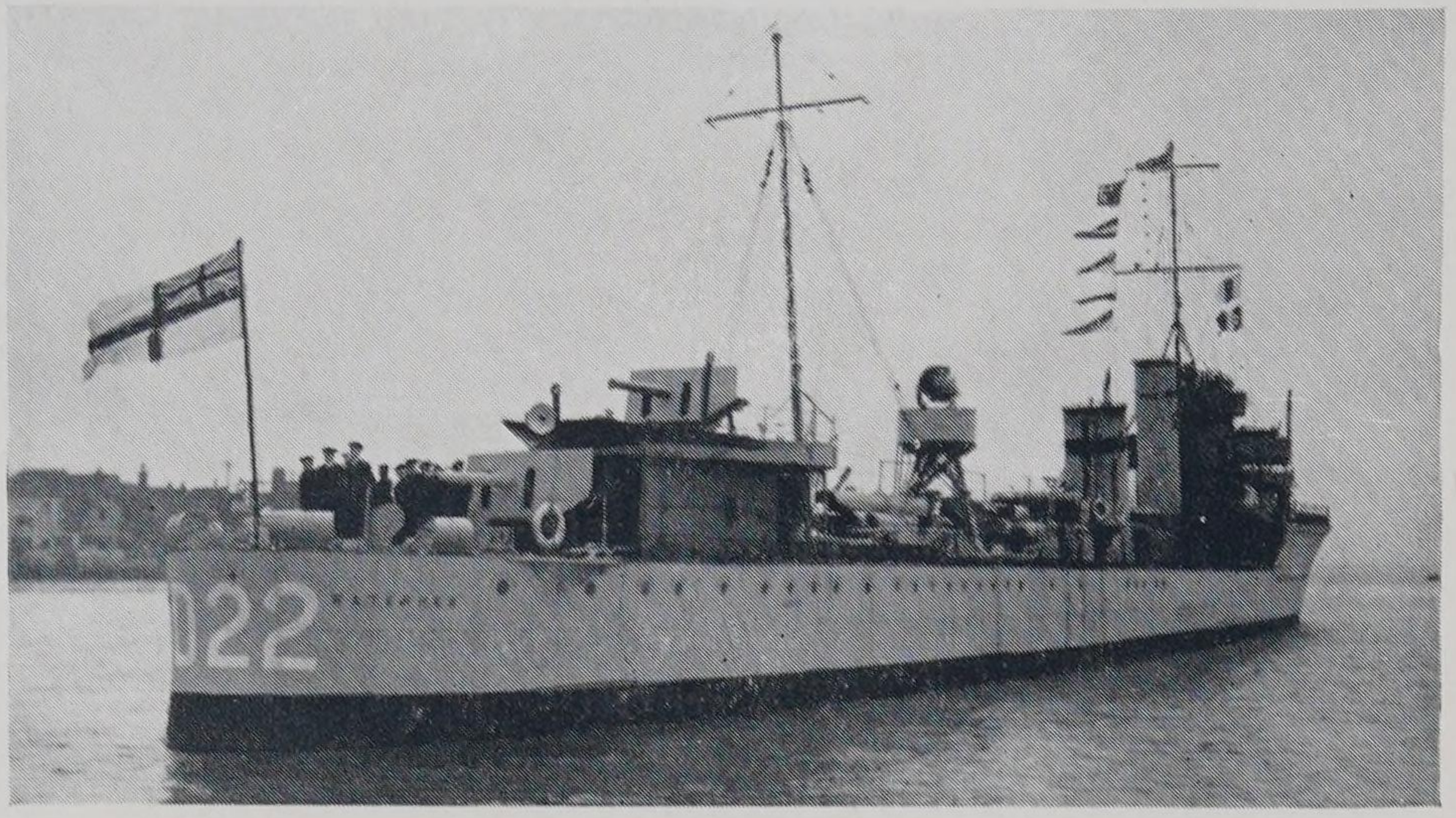
(3) Yarrow S Type. Two funnels (Code 22h).
As Admiralty Type (1) but 930 tons, 23,000 h.p., 36—39 knots.

Name	*Completed*	*Builder*	
Tomahawk	1918	Y.	1928 Sold.
Torch	1918	Y.	1929 Sold.
Tryphon	1918	Y.	1919 Wrecked on Mudros. 1920 Sold.
Tumult	1918	Y.	1928 Sold.
Turquoise	1919	Y.	1931 Sold.
Tuscan	1919	Y.	1932 Sold.
Tyrian	1919	Y.	1930 Sold.

This concludes the principal wartime group of destroyers which mounted three 4 in. guns. Ships of this general design, from classes K to S, totalled 276 and bore the brunt of the fighting. Listed next are the larger ships mounting four 4 in. guns and triple torpedo tubes which formed the basis of post-war development. Lastly there were the later Leaders with five 4.7 in. guns but still lighter than the old *Swift* of 1907.



H.M.S. *Violent* (Admiralty 'V' Class). [*I W.M.*



H.M.S. *Waterhen* (Admiralty 'W' Class).

V and W CLASSES

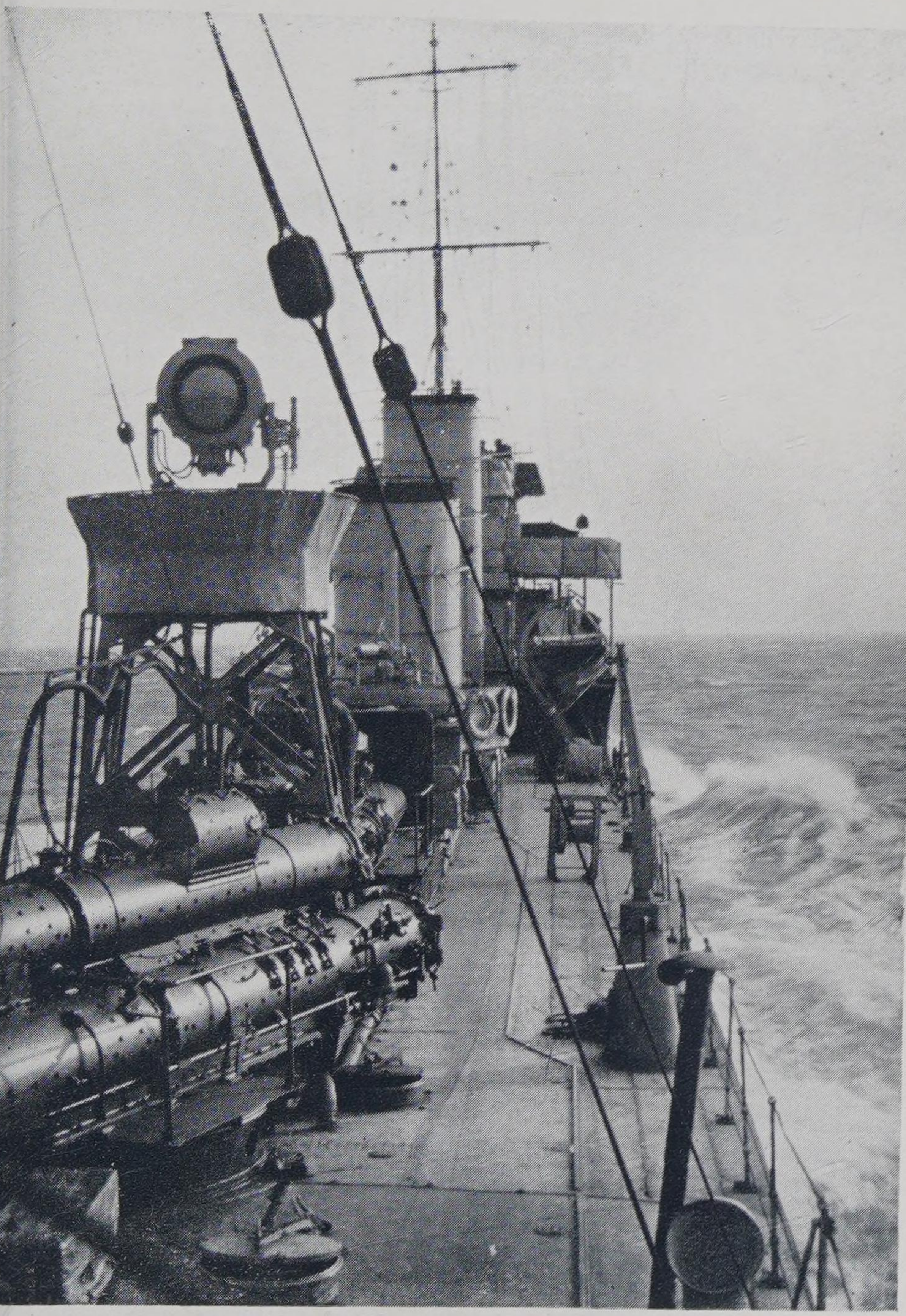
Length: 312 ft. *Beam:* 29½ ft. *Displacement:* 1,272—1,339 tons.
Geared turbines. 2 screws. 27,000 h.p. 34 knots.
V :—*Guns:* 4—4 in., 1—3 in. A.A. *Torpedo tubes:* 4 (2×2)—21 in.
Complement: 110—120.
W:—*Guns:* 3—4 in., 1—3 in. A.A. *Torpedo tubes:* 6 (2×3)—21 in.

The first five ships were Leaders during the war and for some years after. Later the 'V's' were given triple tubes and the 'W's' 4—4 in. guns and the two classes became one. From 1938 many were re-armed as Escort Vessels with A.A. guns and without Torpedo tubes.

(1) Ships built as Admiralty V type. Two funnels (Code 23h).

Name	*Completed*	*Builder*		
Valentine	1917	CL.	1940	Beached on Dutch Coast after air attack.
Valhalla	1917	CL.	1932	Scrapped.
Valkyrie	1917	Dny.	1936	Scrapped.
Valorous	1917	Dny.	1948	Scrapped.
Vampire	1917	W.	1932	R.A.N. 1942 Sunk, air attack in Bay of Bengal.
Vancouver[1]	1918	WB.	1948.	Scrapped.
Vanessa	1918	WB.	1945	Scrapped.
Vanity	1918	WB.	1948	Scrapped.
Vanoc (M.L.)	1917	C.	1945	Scrapped.
Vanquisher (M.L.)	1917	C.	1946	Scrapped.
Vectis	1917	W.	1936	Scrapped.
Vega	1917	Dx.	1948	Scrapped.
Vehement	1917	Dny.	1918	Mined in North Sea.
Velox	1918	Dx.	1946	Scrapped.
Vendetta	1917	F.	1932	To R.A.N. 1945 Discarded.
Venetia	1917	F.	1940	Mined in Thames Estuary.
Venturous (M.L.)	1917	Dny.	1936	Scrapped.
Verdun	1917	HL.	1945	Scrapped.
Versatile	1918	HL.	1946	Scrapped.
Verulam	1917	HL.	1919	Mined in Gulf of Finland.
Vesper	1918	St.	1946	Scrapped.
Vidette	1918	St.	1946	Scrapped.
Vimiera	1917	SH.	1942	Mined off the Nore.
Violent	1917	SH.	1937	Sold.
Vittoria	1918	SH.	1919	Torpedoed by Russian submarine in the Baltic.
Vivacious	1917	Y.	1946	Scrapped.
Vivien	1918	Y.	1945	Scrapped.
Vortigern	1918	W.	1942	Torpedoed, E-boat off East Coast.

[1] Renamed *Vimy* in 1928.



The deck of H.M.S. *Winchester* (' W ' Class). Note triple torpedo tubes.

[*I.W.M.*

(2) Ships built as Admiralty W Type. Two funnels (Code 23h).

Name	*Completed*	*Builder*	
Voyager	1918	St.	1932 To R.A.N. 1942 Lost off Timor.
Wakeful	1917	WB.	1940 Torpedoed, E-boat off Nieuport.
Walker	1918	Dny.	1946 Scrapped.
Walpole	1918	Dx.	1945 Scrapped.
Walrus	1918	F.	1938 Wrecked off Scarborough and scrapped.
Warwick	1918	HL.	1944 Torpedoed, U-boat off Trevose Head.
Watchman	1918	WB.	1945 Scrapped.
Waterhen	1918	Pal.	1932 To R.A.N. 1941 Bombed in E. Med.
Wessex	1918	HL.	1940 Sunk, aircraft near Calais.
Westcott	1918	Dny.	1946 Scrapped.
Westminster	1918	Sc.	1948 Scrapped.
Whirlwind	1918	SH.	1940 Torpedoed, U-boat off S.W. Ireland.
Whitley	1918	Dx.	1940 Beached on Belgian Coast after air attack.
Winchelsea	1918	W.	1945 Scrapped.
Winchester	1918	W.	1946 Scrapped.
Windsor	1918	Sc.	1948 Scrapped.
Wolfhound	1918	F.	1948 Scrapped.
Wrestler	1918	SH.	1941 Mined, and scrapped 1944.
Wryneck	1918	Pal.	1941 Sunk, enemy aircraft off Greece.

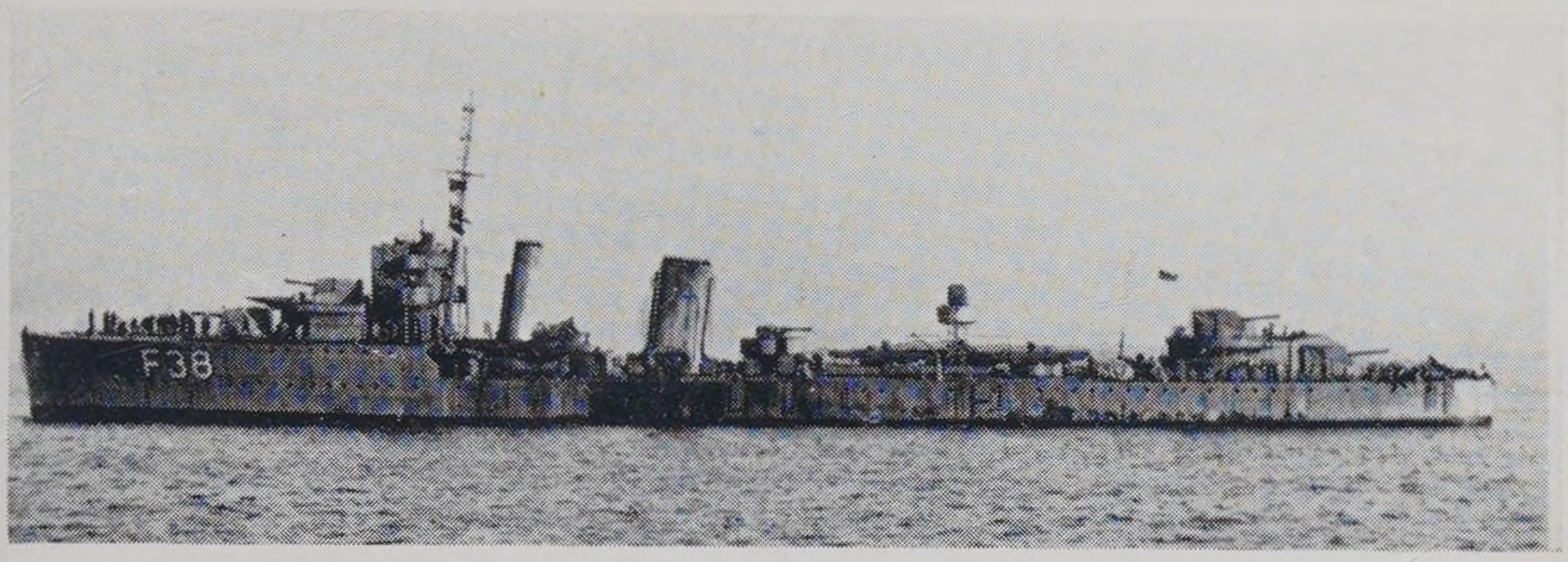
(3) Thornycroft V Type. Two funnels (Code 23h but second funnel taller and flat-sided).
As Admiralty Type but 37,000 h.p., 35—37 knots.

Name	*Completed*	*Builder*	
Viceroy	1918	T.	1946 Scrapped.
Viscount	1918	T.	1945 Scrapped.

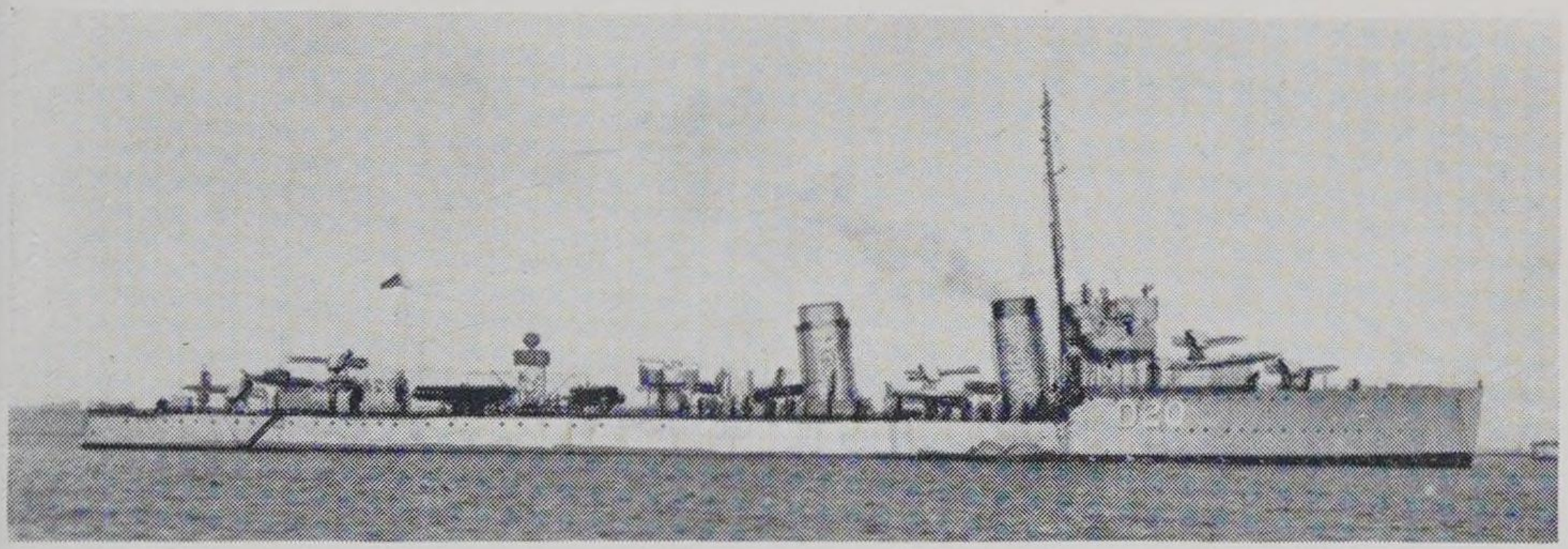
(4) Thornycroft W Type.

Name	*Completed*	*Builder*	
Wolsey	1918	T.	1948 Scrapped.
Woolston	1918	T.	1948 Scrapped.

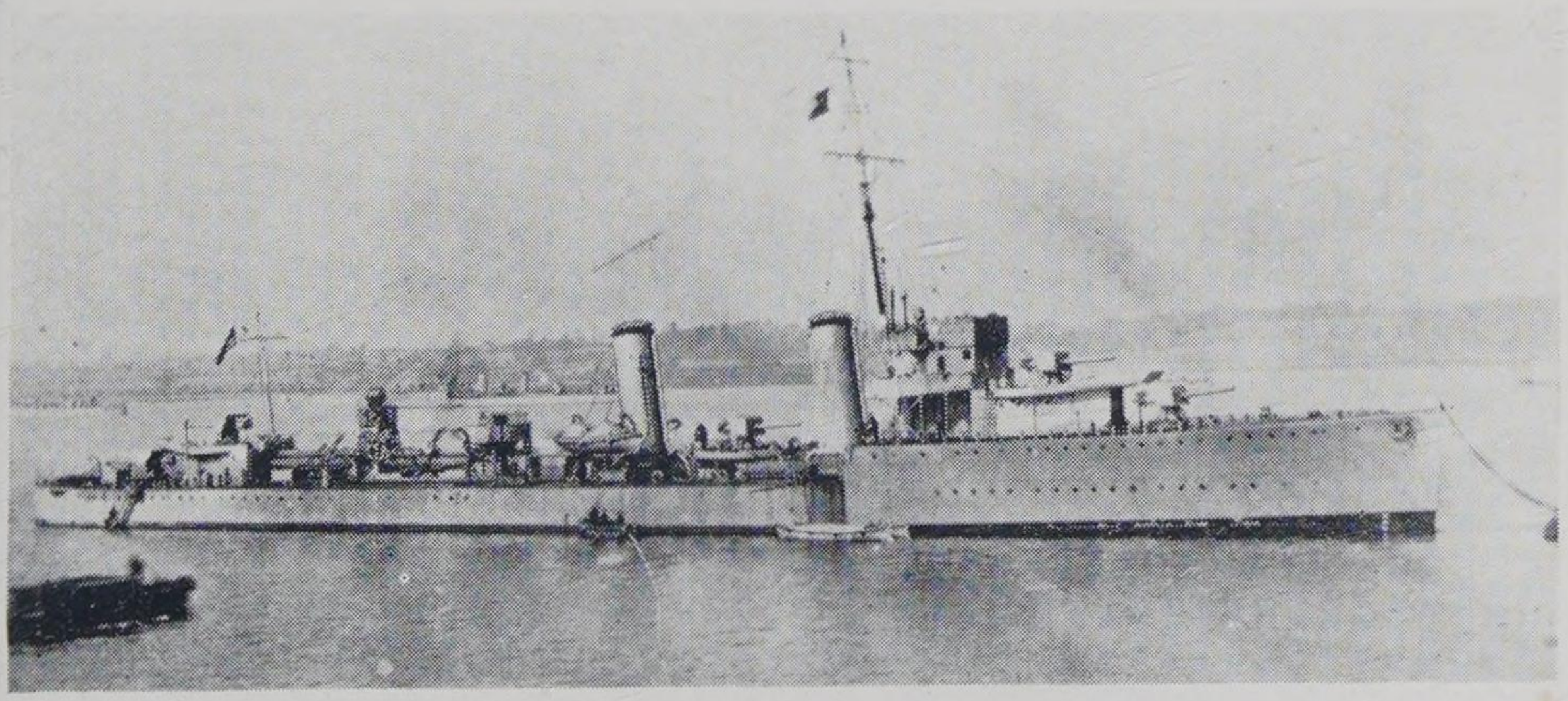
At the end of the war the Modified W class with 4.7 in. guns were under construction. Those completed were (1) *Vansittart*, *Venomous*, *Verity*, *Volunteer*, *Wanderer*, *Whitehall* and *Wren* with funnels Code 23h, (2) *Veteran*, *Whitshed*, *Wild Swan*, *Witherington*, *Wolverine*, *Worcester* and *Wyvern* with funnels Code 22h, and (3) *Wishart* and *Witch* with funnels as (2) but the first flat-sided. Sister ships: 38 cancelled.



H.M.S. *Viceroy* (Thornycroft ' V ' Class). [*N.P.C.*



H.M.S. *Wallace* (Thornycr oft Type Leader). [*Seward*



H.M.S. *Scott* (Admiralty Type Leader). [*N.P.C.*

THORNYCROFT TYPE LEADERS

Length: 329 ft. *Beam:* 31¾ ft. *Displacement:* 1,550—1,750 tons.
Geared turbines. 2 screws. 40,000 h.p. 36—38 knots.
Guns: 5—4.7 in., 1—3 in. A.A., 2—2 pdr. *Torpedo tubes:* 6 (2×3)—21 in.
Two funnels (Code 24). *Complement:* 181.

Name	*Completed*	*Builder*	
Shakespeare	1917	T.	1936 Sold.
Spencer	1917	T.	1936 Sold.
Wallace	1919	T.	1945 Scrapped.

Sister ships: *Keppel*, completed 1925. *Rooke*, renamed *Broke*, completed 1924. *Saunders* and *Spragge* cancelled.

ADMIRALTY TYPE LEADERS

As above but length 332½ ft., displacement 1,800—2,053 tons, two funnels (Code 21).

Name	*Completed*	*Builder*	
Bruce	1918	CL.	c.1938 Discarded.
Campbell	1918	CL.	1948 Scrapped.
Douglas	1918	CL.	1945 Scrapped.
Mackay	1919	CL.	1949 Scrapped.
Malcolm	1919	CL.	1945 Scrapped.
Montrose	1918	HL.	1946 Scrapped.
Scott	1918	CL.	1918 Torpedoed, U-boat off Dutch Coast.
Stuart	1918	HL.	1932 To R.A.N. 1945 Discarded.

Sister ships: *Barrington* and *Hughes* cancelled.

BRITISH DESTROYER DEPLOYMENT

Destroyers are normally organised in flotillas and, as their individual war services would require a large volume, given below is the general disposition at the start, middle and end of the war. The woeful shortage in early months and the relegation of older ships to patrol duties will be noted.

Depot ships and attached light cruisers (see Part 2), are omitted. Leaders are named (names in parenthesis excepted) and supporting craft are abbreviated:—t.b. (torpedo boat), p. (P-boat), p.c. (PC-Boat—P-boat disguised as a merchant ship) and c.m.b. (coastal motor boat). All these will be found in Part 4. Two further abbreviations for destroyer classes are ' T ' for Talisman class and ' U ' for Admiralty Modified R class.

1914 (September)

1st Flotilla (Harwich)	20 ' I ' class.
2nd Flotilla (Grand Fleet)	Broke to join. 20 ' H ' class.
3rd Flotilla (Harwich)	16 ' L ' class.
4th Flotilla (Grand Fleet)	Swift. Faulknor to join. 20 ' K ' class.
5th Flotilla (Mediterranean)	16 ' G ' class (+6 t.b.).
6th Flotilla (Dover Patrol)	10 ' F ' class, 12 ' B ', ' C ' classes.
7th Flotilla (Humber Patrol)	22 ' A '. ' B ', ' C ', ' D ' classes (+12 t.b.).
8th Flotilla (Tyne Patrol)	12 ' B ', ' C ' classes (+12 t.b.).
9th Flotilla (Forth Patrol)	17 ' E ' class.
Shetland Patrol	4 ' C ' class.
Attached to Channel Fleet	8 ' E ' class.
China Station	7 ' E ' class, 1 ' D ' class.
Australian Fleet	3 ' I ' (R.A.N.) class.
Gibraltar	(10 t.b.).
Attached Submarines (Harwich)	2 ' I ' class.

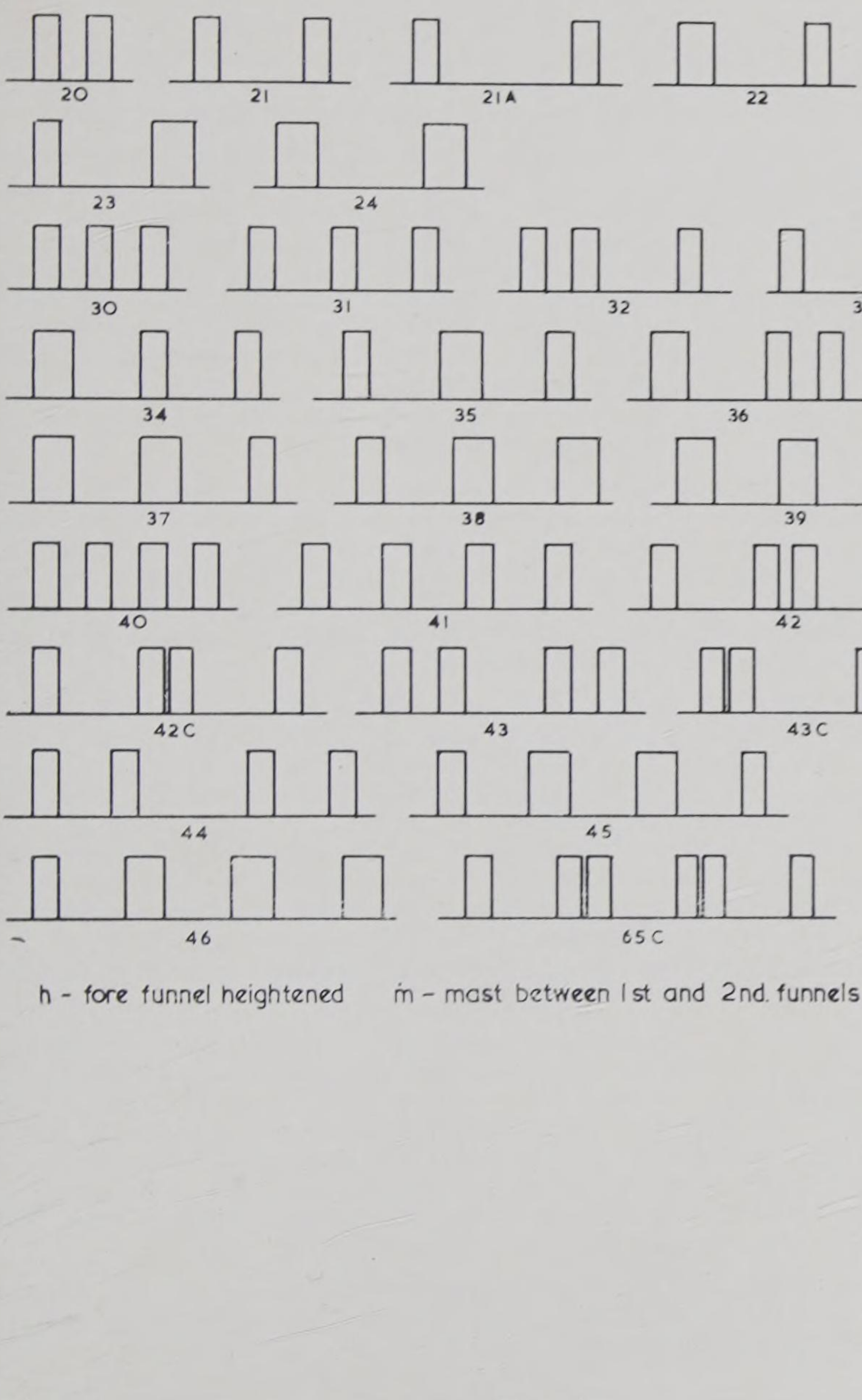
1916 (May—before Jutland)

Attached to flagship (H.M.S. Iron Duke)	Abdiel (Oak).
1st Flotilla (Rosyth)	Botha. 20 ' I ' class.
2nd Flotilla (temporarily at Plymouth)	10 ' H ' class.
4th Flotilla (Scapa)	Tipperary, Broke, 19 ' K ' class.
6th Flotilla (Dover)	Swift, 9 ' F ' class, 1 ' E ' class, 12 ' B ', ' C ', ' D ' classes (+3 t.b., 4 p.).
7th Flotilla (Humber)	12 ' E ' class, 8 ' B ', ' C ', ' D ' classes.
8th Flotilla (Forth)	7 ' B ', ' C ', ' D ' classes (+10 t.b.).
9th Flotilla (Harwich)	Lightfoot, 21 ' L ' class.
10th Flotilla (Harwich and Dover)	Nimrod, 2 ' T ' class, 15 ' M ' class.
11th Flotilla (Cromarty)	Kempenfelt, 16 ' M ' class.
12th Flotilla (Scapa)	Faulknor, Marksman, 16 ' M ' class.
13th Flotilla (Rosyth)	11 ' M ' class (+ 5 to join).
14th Flotilla (Scapa)	Being formed of new ' M ' class.
Mediterranean	12 ' G ' class, 2 ' H ' class, 6 ' E ' class (+7 t.b.).
Malta	3 ' G ' class, 5 ' H ' class, 3 ' E ' class.
Local Defence Flotillas	
The Nore	9 ' A ', ' B ', ' C ', ' D ' classes (+16 t.b., 3 p.).
Portsmouth	10 ' E ' class, 9 ' A ', ' B ', ' C ', ' D ' classes (+21 t.b.).
Devonport	2 ' E ' class, 4 ' A ', ' B ', ' C ', ' D ' classes (+8 t.b.).
Newhaven (4 t.b.), Portland (5 t.b.), Pembroke (4 t.b.), Queenstown (4 t.b.).	
North Channel Patrol (Larne)	2 ' E ' class, 2 ' B ', ' C ' or ' D ' class.
Tenders to H.M.S. Leander (Scapa)	10 ' B ' ' C ', ' D ' classes.,
Tenders to H.M.S. Tyne (Cromarty)	5 ' B ', ' C ', ' D ' classes.
Australian Fleet	4 ' I ' (R.A.N.) class.
Hong Kong	3 ' B ', ' C ', ' D ' classes.
Cape of Good Hope	(2 t.b.).

1918 (October)

Attached to flagship (H.M.S. Queen Elizabeth). (Oak).	
1st Flotilla (Portsmouth)	9 ' E ' class (+31 p.).
2nd Flotilla (N. Ireland)	20 ' M ' class, 5 ' G ' class.
3rd Flotilla (Grand Fleet)	Nimrod, Talisman, 11 ' M ' class.
4th Flotilla (Devonport)	9 ' M ' and ' R ' classes, 2 ' K ' class, 2 U.S. destroyers.
5th Flotilla (Mediterranean)	3 ' S ', 2 ' M ', 14 ' I ', 6 ' I ' (R.A.N.), 14 ' H ', 1 ' G ' and 8 ' E ' class.
Gibraltar	1 ' I ' class, 1 ' H ' class (+9 t.b.).
Aegean (4 t.b.). Adriatic (4 t.b.)).	
6th Flotilla (Dover)	Douglas, Whirlwind, Velox, Botha, Swift, 2 ' S ' class, 2 ' T ' class, 14 ' M ' class, 5 ' F ' class, 6 ' B ', ' C ' classes (+2 t.b., 10 p., c.m.b.).
Attached submarine flotillas	1 ' M ' class, 2 ' I ' class.
7th Flotilla (Immingham)	14 'E' class, 14 'A', 'B', C", 'D' classes (+6 t.b.).
8th Flotilla (Firth of Forth)	(10 t.b.).
10th Flotilla (Harwich)	Spencer, Shakespeare, Bruce, Montrose, 24 'R' class.
11th Flotilla (Grand Fleet)	Seymour, Valorous, Kempenfelt, 12 'VW' class, 5 'R' class.
12th Flotilla (Grand Fleet)	Saumarez, Valhalla, 5 'VW' class, 13 'S' class.
13th Flotilla (Grand Fleet)	Valentine, Valkyrie, 20 'VW' class, 7 'U' class, 1 'M' class.
14th Flotilla (Grand Fleet)	Vampire, Anzac, 2 'S' class, 23 'M' class,
15th Flotilla (Grand Fleet)	Parker, Grenville, 4 'U' class, 1 'R' class. 13 'M' class.
20th Flotilla (Immingham-Minelayers)	Abdiel, Gabriel, 3 'V' class, 2 'R' class, 1 'L' class, 2 'I' class.
Northern Patrol (Kirkwall).	Marksman.
Southern Patrol (Falmouth)	Lightfoot (+1 t.b.).
North Channel Patrol (Larne)	4 ' A ', ' B ', ' C ' or ' D ' class.
Irish Sea Hunting Flotilla	11 ' A ', ' B ', ' C ' or ' D ' class.
Portsmouth	5 'A', 'B', 'C' or 'D' class (+19 t.b., 6 c.m.b.).
Attached to Vernon	1 'M', 1 'K' and 1 'C' class (+ 1 t.b.).
Devonport	3 ' A ', ' B ', ' C ' or ' D ' class (+8 t.b.).
The Nore	6 'A', 'B', 'C' or 'D' class (+13 t.b.).
Portland	(5 t.b., 6 c.m.b.).
Methil Convoy Flotilla	6 ' L ' class.
Pembroke (3 t.b., 19 p.c.). Newhaven (5 t.b.). Queenstown (4 t.b.).	
China Station	1 'B', 1 'C' and 1 'D' class (+4 t.b.).
Cape of Good Hope	(2 t.b.).

BRITISH FUNNEL CODE



h - fore funnel heightened m - mast between 1st and 2nd. funnels

GERMAN DESTROYER DEVELOPMENT

1898 – 1920

If destroyers are regarded as greatly enlarged torpedo boats, then Germany evolved such ships earlier than Britain. In 1887 they had introduced " Divisional Boats " as leaders for torpedo boat flotillas. Twice the size of contemporary torpedo boats, D1 and D2 were of 230 tons and comparable to our earliest destroyers of 1893, except in speed. D3 to D9 were progressively larger, whilst D10, of 1898, was of Thornycroft build, similar to our A and D classes. By 1914 these " D " boats had been reduced to minor or experimental roles.

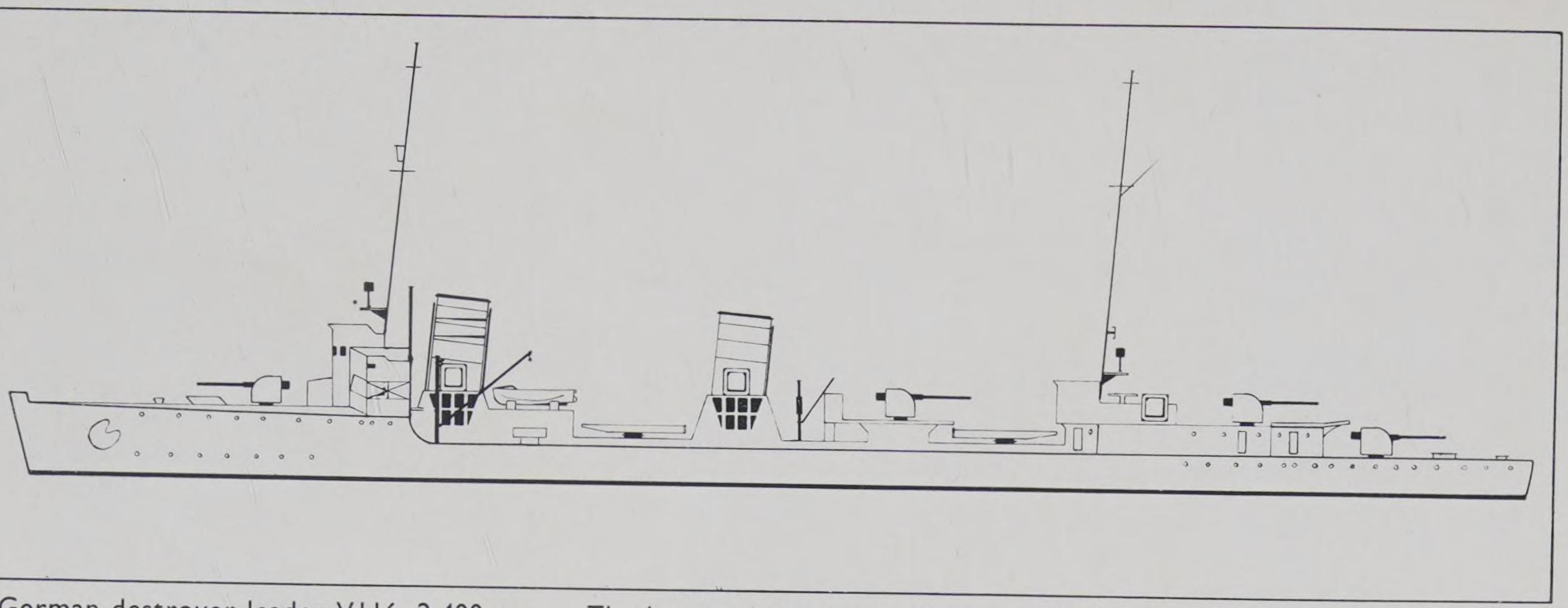
In Germany the link with torpedo boats was much closer than in Britain, for destroyers were numbered, and not named, in the same series and officially termed " Large Torpedo Boats ", S90 of 1899 being the first. Strongly constructed to work in heavy weather, their features were distinctive. The bridge was placed aft of the break in the high forecastle, allowing heavy seas to fall away before reaching the charthouse. Extra torpedo tubes were mounted in the well so formed, enabling their torpedoes to be discharged forward at a more acute angle than from the tubes further aft. Two widely-spaced funnels with a tall mainmast were also characteristic of this general plan. As there were over thirty of the two-funnelled destroyer classes their identification has been further facilitated in this book by the diagrams shown on p. 79.

Broadly speaking, there were three variations, with:—(a) a long break between forecastle and bridge, to which arrangement most of the earlier ships were built; (b) a short break, in most cases with a forward torpedo tube on each side, and (c) no break and with the bridge on the forecastle, as in British ships. The last arrangement gained favour in the latter part of the war, after which the older ships left to the Germans were altered by having their forecastles extended over the breaks, the forward tubes being removed.

Uniformity was also aided by confining destroyer building to three principal yards:—Schichau, Elbing (S), Krupp's Germania Yard, Kiel (G), and Vulkan, Stettin (V), the identifying letter being included with the ship's number. Blohm & Voss, Hamburg (B), and Howaldt, Kiel (H), built only a few later ships. Starting at S90 the numbers ran up to G197, of 1911. In 1912 a new series was begun with V1 and continued (with S, G, V, B or H) up to H147, although some of the series were never completed. To avoid confusion, survivors of the earlier series were re-lettered T90-T197, between November 1910 and February 1918. New *torpedo boats* built during the war were designated A1 to A95, with the exception of the rather larger V105-V108 included in the later destroyer series.

The new serial numbers did not mark any particular break in destroyer development but generally speaking the new ships had funnels closer together, without tubes mounted between them. Numbers B97 to V118 were confined to less orthodox classes, some of them having been on order for foreign powers. Most interesting of these were the 2,400-ton Leaders S113 and V116. As designed, they were the largest and most powerful destroyers in the world, but did not come up to specification on trials. They were top heavy, rolled badly and could not reach contract speed by a wide margin.

After 1916 priority was given to U-boat construction and the destroyer programme was almost abandoned, only 22 being completed in the next two years, instead of three per month.



German destroyer leader V116, 2,400 tons. The largest destroyer built during World War I.

GERMAN DESTROYER CLASSES

T 90 CLASS (ex S90-101)

Length: 206¾ ft. *Beam:* 23 ft. *Displacement:* 310—394 tons.
Triple expansion (3-cyl.). 2 screws. 5,900 h.p. 26.5 knots.
Guns: 3—4 pdr. *Torpedo tubes:* 3—17.7 in. *Complement:* 49—60.
Two funnels (Code 21a). T. tubes (plan 1 or 2).

Number	Completed		
T90	1899	1914	Wrecked on China coast.
T91	1900	1921	Scrapped.
T92	1900	1920	Discarded.
T93	1900	1920	Discarded.
T94	1900	1921	Scrapped.
T95	1900	1921	Scrapped.
T96	1900	1920	Discarded.
T97	1900	1920	Discarded.
T98	1900	1920	Discarded.
T99	1900	1920	Discarded.
T100	1901	1918	Sunk, collision in Baltic.
T101	1901	1920	Discarded.

Before the war S97 (T97) was named *Sleipner*, painted white and acted as escort to the Imperial Yacht *Hohenzollern*. 1915-17 the class was relegated to escort duties.

S.M.S. *Taku*, similar to the British ship described on p. 16 was lost in Chinese waters in 1914.

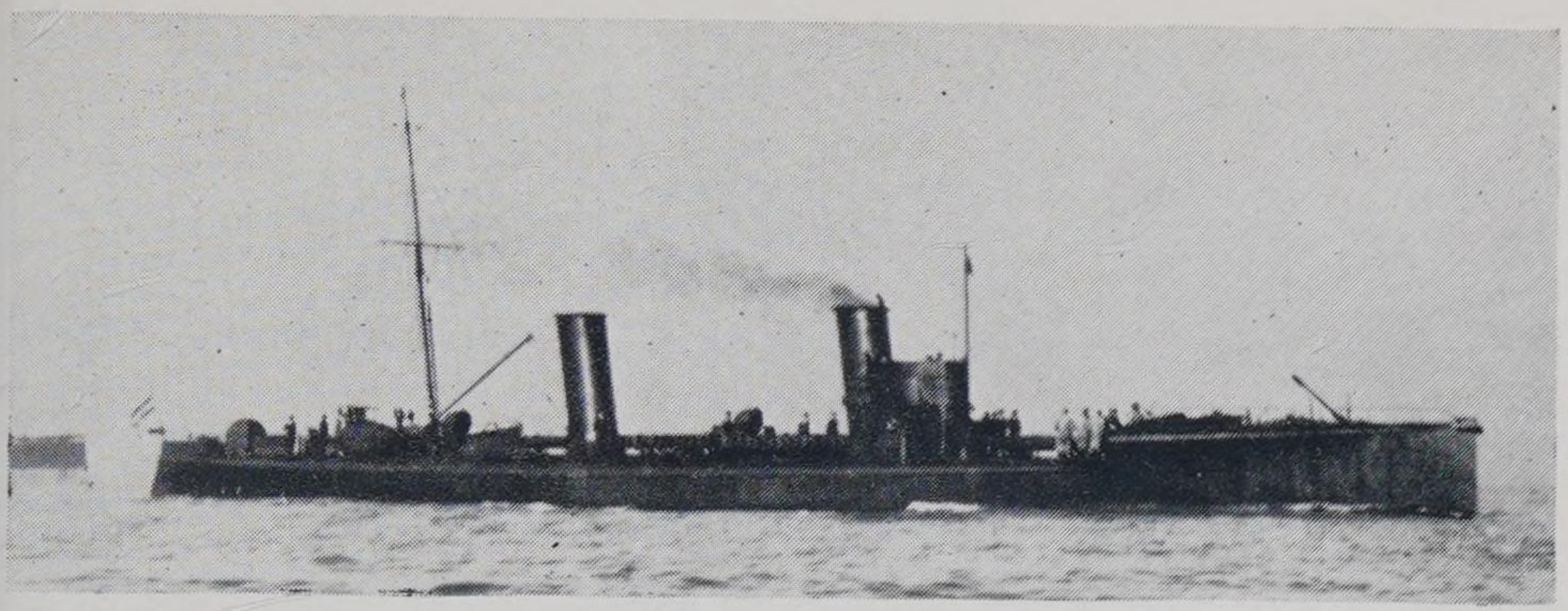
T 102 CLASS (ex S102-107, 114-119)

As T90 but *length:* 207½ ft., *displacement:* 315—406 tons, *speed:* 27.5 knots and T. tubes (plan 1).

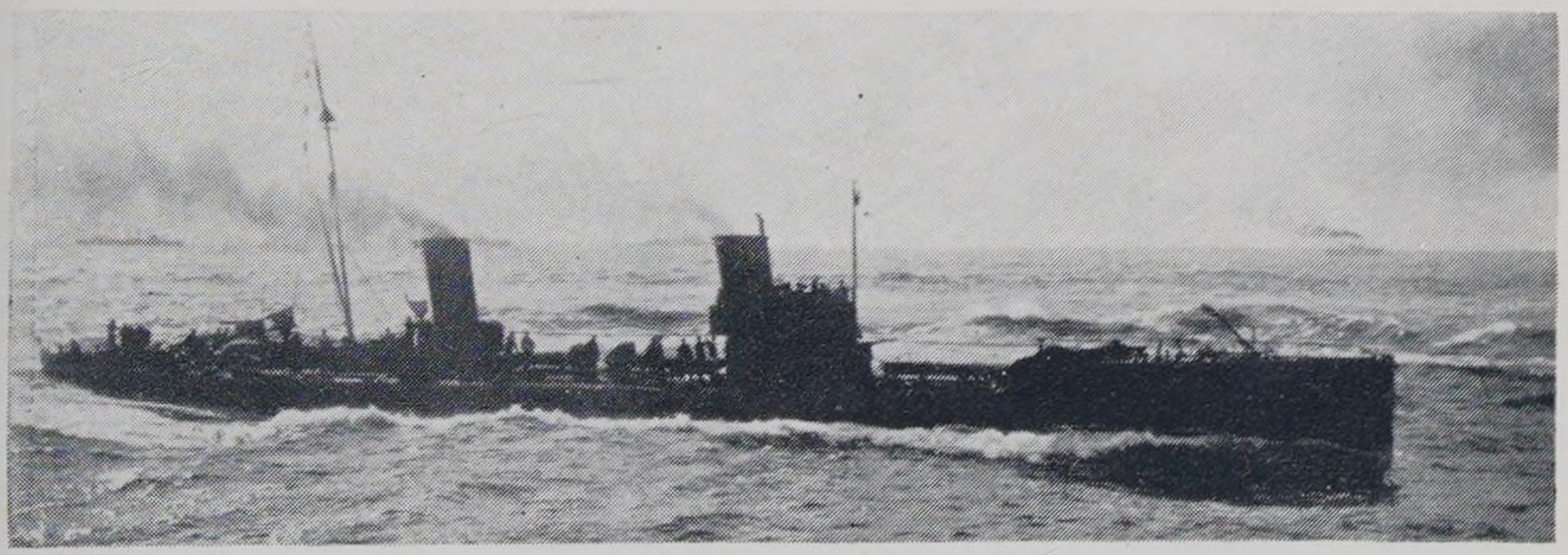
Number	Completed		
T102	1901	1921	Scrapped.
T103	1901	1921	Scrapped.
T104	1901	1920	Discarded.
T105	1901	1921	Scrapped.
T106	1901	1920	Discarded.
T107	1902	1920	Discarded.

As T102 but 6,500 h.p., 28.5 knots.

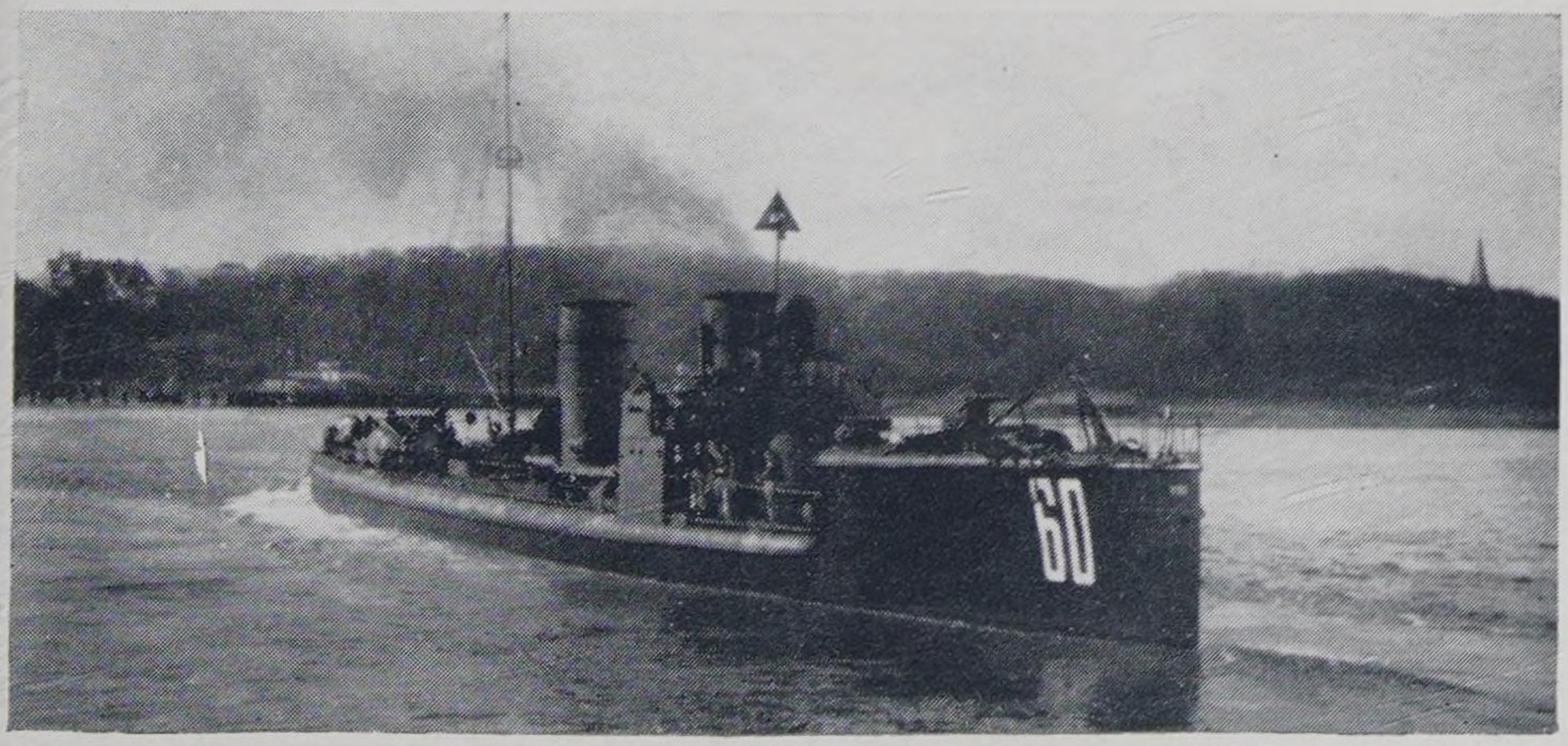
Number	Completed		
T114	1902	1921	Scrapped.
T115	1903	1914	Sunk, gunfire at Heligoland Bight.
T116	1903	1914	Torpedoed, submarine E9 off mouth of Ems.
T117	1903	1914	Sunk, gunfire at Heligoland Bight.
T118	1903	1914	Sunk, gunfire at Heligoland Bight.
T119	1903	1914	Sunk, gunfire at Heligoland Bight.



German T 90 Class destroyer. [I.W.M.



German T 102 Class destroyer. [N.M.M. Greenwich



German destroyer T 160. For a time the first figure on T110-T197 was omitted on forecastle.

T 108 CLASS (ex G108-113)

Length: 216 ft. *Beam:* 22 ft. *Displacement:* 330—440 tons.
Triple expansion (3-cyl.). 2 screws. 6,000—6,600 h.p. 29 knots.
Guns: 3—4 pdr. *Torpedo tubes:* 3—17.7 in. *Complement:* 49—60.
Two funnels (Code 21a). T. tubes (plan 1).

Number	*Completed*		
T108	1902	1921	Scrapped.
T109	1902	1920	Discarded.
T110	1903	1921	Scrapped.
T111	1902	1921	Scrapped.
T112	1902	1920	Discarded.
T113	1902	1921	Scrapped.

T 120 CLASS (ex S120-131)

Length: 212⅓ ft. *Beam:* 23 ft. *Displacement:* 391—468 tons.
Triple expansion (3 cyl.). 2 screws. 6,400 h.p. 28 knots.
(T.125: Turbines. 3 screws. 29.5 knots)
Guns: 3—4 pdr. *Torpedo tubes:* 3—17.7 in. *Complement:* 49—60.
Two funnels (Code 21a). T. tubes (plan 1a).

Number	*Completed*		
T120	1904	1921	Scrapped.
T121	1904	1920	Discarded.
T122	1904	1918	Mined off Heligoland.
T123	1904	1916	Mined in North Sea.
T124	1904	1914	Sunk, collision in the Baltic.
T125	1905	1921	Scrapped.

As above but 371—482 tons, 4—4 pdr. guns.

Number	*Completed*		
T126	1905	1921	Scrapped.
T127	1905	1920	Discarded.
T128	1905	1920	Discarded.
T129	1905	1915	Ran aground at mouth of the Elbe.
T130	1905	1920	Discarded.
T131	1905	1920	Discarded.

T 132 CLASS (ex G132-136)

Length: 215½ ft. *Beam:* 23 ft. *Displacement:* 412—544 tons.
Triple expansion (3 cyl.). 2 screws. 7,000 h.p. 28.5 knots.
Guns: 4—4 pdr. (T135 1—3.5 in., 2—4 pdr.). *Torpedo tubes:* 3—17.7 in.
Complement: 68.
Two funnels (Code 21a). T. tubes (plan 1a).

Number	Completed		
T132	1906	1920	Discarded.
T133	1906	1920	Discarded
T134	1907	1921	Scrapped.
T135	1907	1921	Scrapped.
T136	1908	1921	Scrapped.

T 137 (ex G137)

Length: 234½ ft. *Beam:* 25 ft. *Displacement:* 580—693 tons.
Turbines. 3 screws. 10,800 h.p. 33.9 knots.
Guns: 1—3.5 in., 3—4 pdr. *Torpedo tubes:* 3—17.7 in. *Complement:* 63—80.
Two funnels (Code 21a). T. tubes (plan 3).

Number	Completed		
T137	1907	1920	Discarded.

T 138 CLASS (ex S138-149)

Length: 232 ft. *Beam:* 25½ ft. *Displacement:* 533—684 tons.
Triple expansion (3-cyl.). 2 screws. 11,000 h.p. 30 knots.
Guns: 1—3.5 in., 3—4 pdr. *Torpedo tubes:* 3—17.7 in. *Complement:* 72-80.
Two funnels (Code 21a). T. tubes (plan 2).

Number	Completed		
T138	1907	1918	Mined in North Sea.
T139	1907	1927	Became Target Control ship *Pfeil*.
T140	1907	1920	Discarded.
T141	1907	1927	Became Target Control ship *Blitz* (1). 1933 scrapped.
T142	1907	1920	Discarded.
T143	1907	1927	Discarded, 1930 scrapped.
T144	1907	1929	Scrapped.
T145	1907	1920	Discarded.
T146	1907	1928	Discarded.
T147	1908	1921	Scrapped.
T148	1908	1928	Discarded, 1935 scrapped.
T149	1908	1927	Scrapped.

T 150 CLASS (ex V150-161)

Length: 237¾ ft. *Beam:* 25½ ft. *Displacement:* 558—691 tons.
Triple expansion (3-cyl.). 2 screws. 10,900 h.p. 30 knots.
Guns: 2—3.5 in. *Torpedo tubes:* 3—17.7 in. *Complement:* 73—93.
Two funnels (Code 21a). T. tubes (plan 1 with gun on forecastle).

Number	*Completed*		
T150	1907	1915	Sunk, collision near Heligoland.
T151	1908	1934	Became Target control ship *Komet*.
T152	1908	1931	Discarded, 1935 scrapped.
T153	1908	1934	Became Training Vessel *Edouard Jungmann*.
T154	1908	1928	Discarded, 1935 scrapped.
T155	1908	1925-8	Rebuilt, 1945 scuttled.
T156	1908	1934	Became submarine tender, 1945 scuttled.
T157	1908	1934	Became submarine tender, 1945 scuttled.
T158	1908	1934	Became submarine tender, 1945 to U.S.S.R.
T159	1908	1920	To U.K. and scrapped 1922.
T160	1908	1920	To U.K. and scrapped 1922.

As above but 596—687 tons, turbines, 14,800 h.p., 33 knots.

Number	*Completed*		
T161	1908	1920	To U.K. and scrapped 1922.

T 162 CLASS (ex V162-164)

Length: 242½ ft. *Beam:* 25¾ ft. *Displacement:* 639—739 tons.
Turbines. 2 screws. 15,000—16,000 h.p. 33.5 knots.
Guns: 2—3.5 in. *Torpedo tubes:* 3—17.7 in. *Complement:* 73—93.
Two funnels (Code 21a). T. tubes (plan 4).

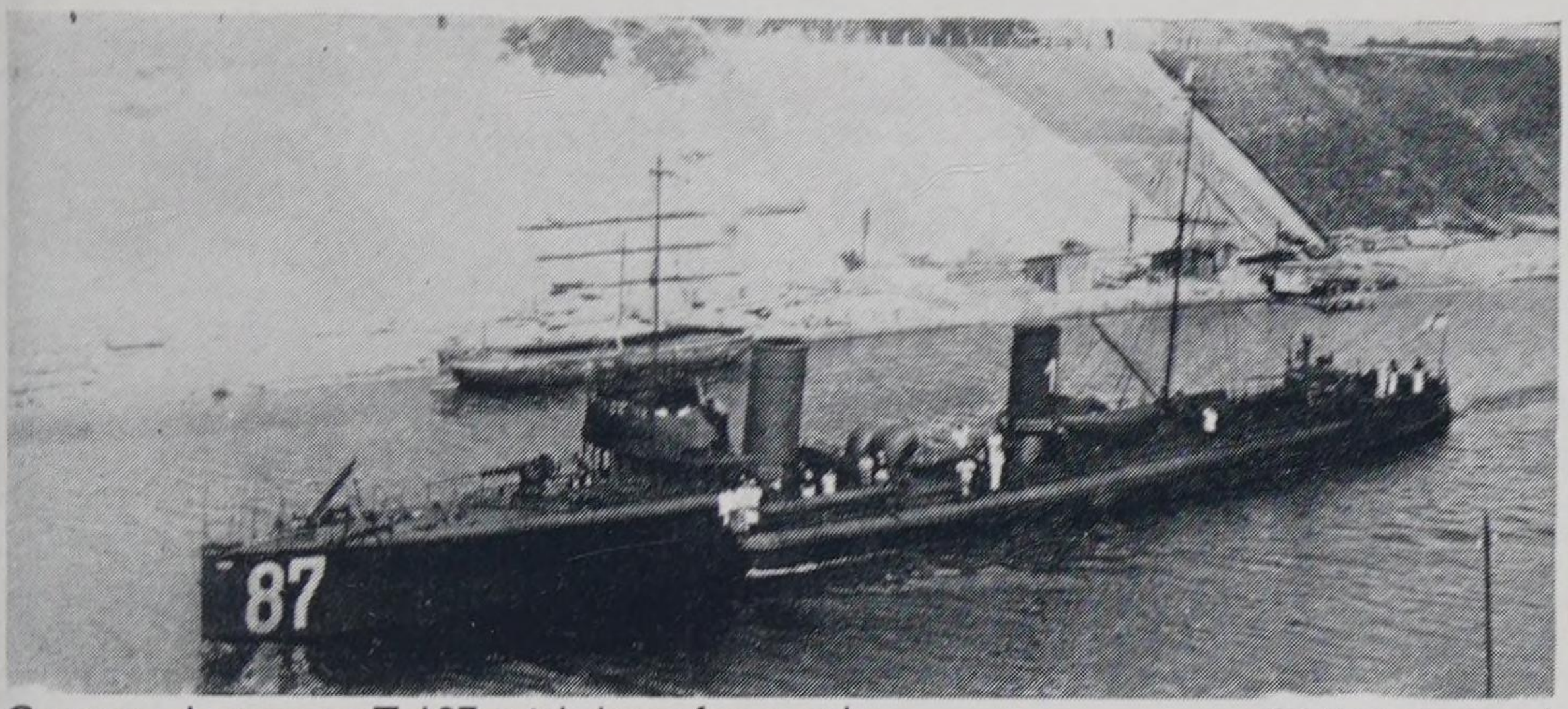
Number	*Completed*		
T162	1909	1916	Mined in the Baltic.
T163	1909	1921	Scrapped.
T164	1909	1920	To U.K. and scrapped 1922.

T 165 CLASS (ex S165-168)

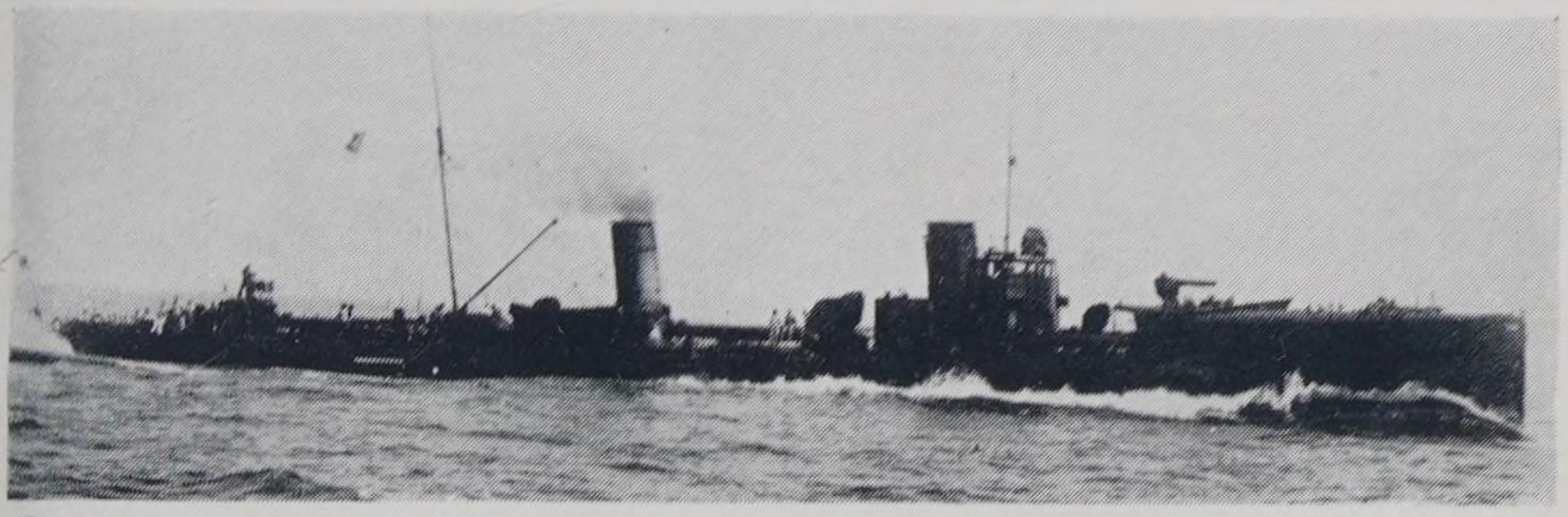
Length: 243¼ ft. *Beam:* 26 ft. *Displacement:* 665—765 tons.
Otherwise as T162 but 17,500 h.p. and third T. tube further aft.

Number	*Completed*		
T165	1911	1920	To U.K. and scrapped 1922.
T166	1911	1920	To U.K. but scrapped 1922 in Holland.
T167	1911	1921	Scrapped.
T168	1911	1927	Scrapped.

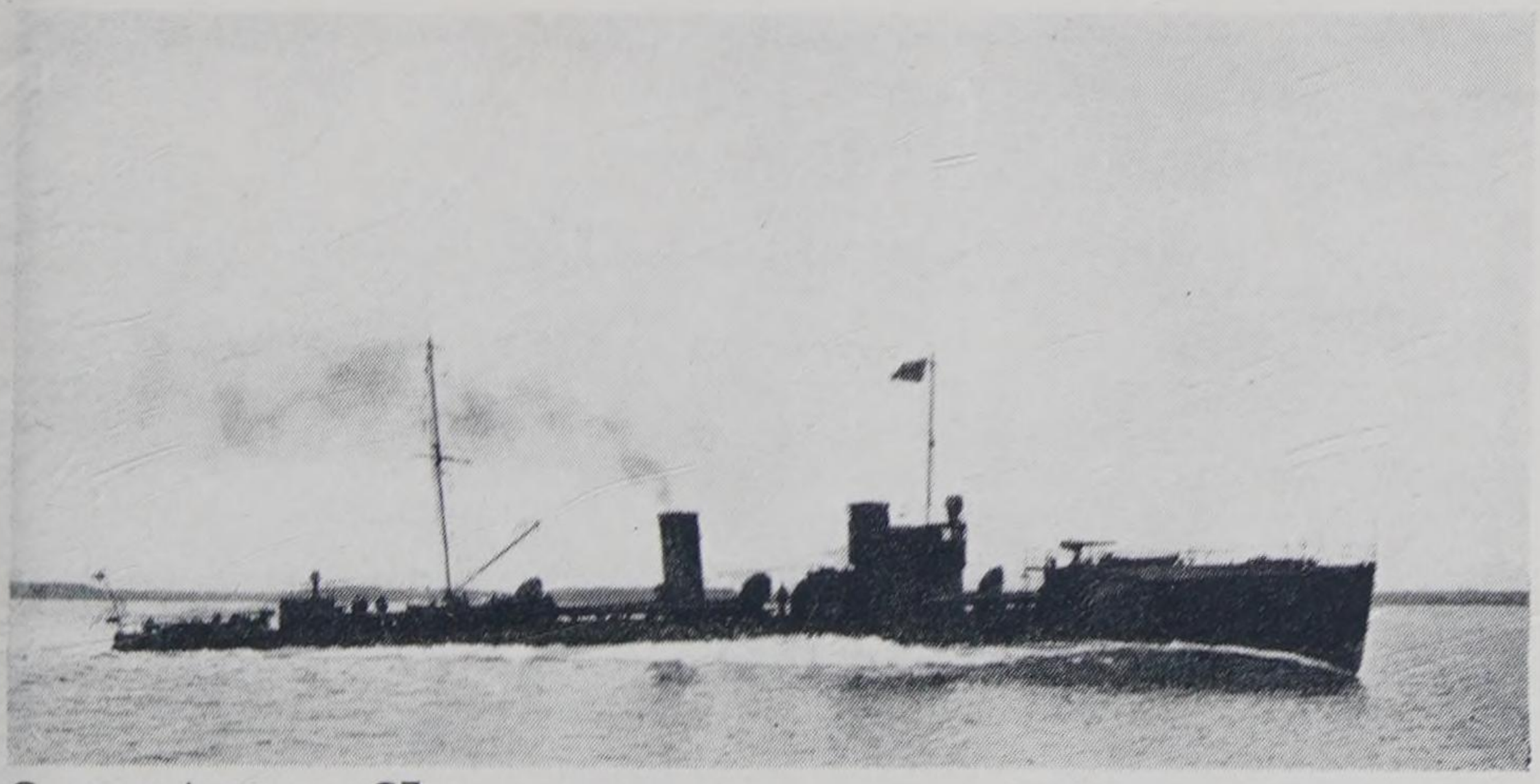
The previous S165-8 of 1909 were sold to Turkey in 1910.



German destroyer T 187 with long forecastle. [*N.M.M. Greenwich*



German destroyer T 188. [*N.M.M. Greenwich*



German destroyer G7.

T 169 CLASS (ex G169-173)

Length: 242¾ ft. *Beam:* 26 ft. *Displacement:* 670—777 tons.
Turbines. 3 screws. 15,000—16,600 h.p. 32.7 knots.
Guns: 2—3.5 in. *Torpedo tubes:* 3—17.7 in. *Complement:* 73—93.
Two funnels (Code 21a). T. tubes (plan 4 with first tube further aft).

Number	*Completed*		
T169	1909	1920	To U.K. and scrapped.
T170	1909	1921	Scrapped.
T171	1910	1912	Sunk, collision in North Sea.
T172	1910	1918	Mined in North Sea.

As above but 700—778 tons, Zoelly turbines, 31.4 knots.

Number	*Completed*		
T173	1910	1920	To U.K. and scrapped 1922.

T 174 CLASS (ex G174-175)

Length: 242¾ ft. *Beam:* 26 ft. *Displacement:* 700—824 tons.
Turbines. 2 screws. 15,000—16,000 h.p. 32 knots.
Guns: 2—3.5 in. *Torpedo tubes:* 4—19.7 in. *Complement:* 73—93.
Two funnels (Code 21a). T. tubes (plan 45).

Number	*Completed*		
T174	1910	1920	To U.K. and scrapped.
T175	1910	1926	Scrapped.

T 176 CLASS (ex S176-179)

Length: 243¼ ft. *Beam:* 26 ft. *Displacement:* 656—781 tons.
Turbines. 2 screws. 17,750 h.p. 33 knots.
Guns: 2—3.5 in. *Torpedo tubes:* 4—19.7 in. *Complement:* 73—93.
Two funnels (Code 21a). T. tubes (plan 6).

Number	*Completed*		
T176	1910	1920	To U.K. and scrapped.
T177	1911	1915	Mined in the Baltic.
T178	1910	1913	Sunk, collision in North Sea.
T179	1911	1921	Scrapped.

T 180 CLASS (ex V180-185)

Length: 242½ ft. *Beam:* 25¾ ft. *Displacement:* 650—783 tons.
Otherwise as T176.

Number	*Completed*		
T180	1910	1921	Scrapped in Holland.
T181	1910	1922	Scrapped in Holland.
T182	1910	1920	To U.K. and scrapped.
T183	1910	1920	To U.K. and scrapped.
T184	1910	1920	To U.K. and scrapped.
T185	1910	1932	Became Target Control ship *Blitz* (2).

T 186 CLASS (ex V186-191)

As T180 but 18,000 h.p., 35.3 knots and T. tubes to plan 7.
T187 had long forecastle without well (to plan F7).

Number	*Completed*		
T186	1910	1920	To U.K. and scrapped.
T187	1911	1914	Sunk, gunfire at Heligoland Bight.
T188	1911	1915	Torpedoed by submarine E15 in North Sea.
T189	1911	1920	To U.K. and wrecked on the South Coast.
T190	1911	1928	Rebuilt, 1937 became experimental tender *Claus Van Bevern*.
T191	1911	1915	Torpedoed* by submarine E9 in the Baltic.

* German sources say mined.

T 192 CLASS (ex G192-197)

Length: 242¾ ft. *Beam:* 26 ft. *Displacement:* 660—810 tons.
18,000—19,000 h.p. 34 knots. Otherwise as T186.

Number	*Completed*		
T192	1911	1920	To U.K. and scrapped 1922.
T193	1911	1920	To U.K. and scrapped.
T194	1911	1916	Rammed and sunk by H.M.S. *Cleopatra* in North Sea.
T195	1911	1920	To U.K. and scrapped.
T196	1911	1928	Rebuilt, 1945 to U.S.S.R.
T197	1911	1920	To U.K. and scrapped 1921.

The above 108 ships were re-lettered in the 'T' series between Nov. 1910 and Feb. 1918 when ships of the new series, listed below, were projected.

V1 CLASS (V1-6)

Length: 235¼ ft. *Beam:* 25 ft. *Displacement:* 569—697 tons.
Turbines. 2 screws. 17,000 h.p. 33 knots.
Guns: 2—3.5 in. *Torpedo tubes:* 4—19.7 in. *Mines:* 18. *Complement:* 73—93.
Two funnels (Code 21). T. tubes (plan 8).

Number	Completed		
V1	1912	1929	Discarded.
V2	1912	1930	Scrapped.
V3	1912	1929	Discarded.
V4	1912	1916	Sunk at Jutland.
V5	1913	1929	Discarded.
V6*	1913	1929	Discarded.

* V6 had long forecastle without well (plan F8). The original V5 and V6 of 1912 were sold to Greece.

G7 CLASS (G7-12)

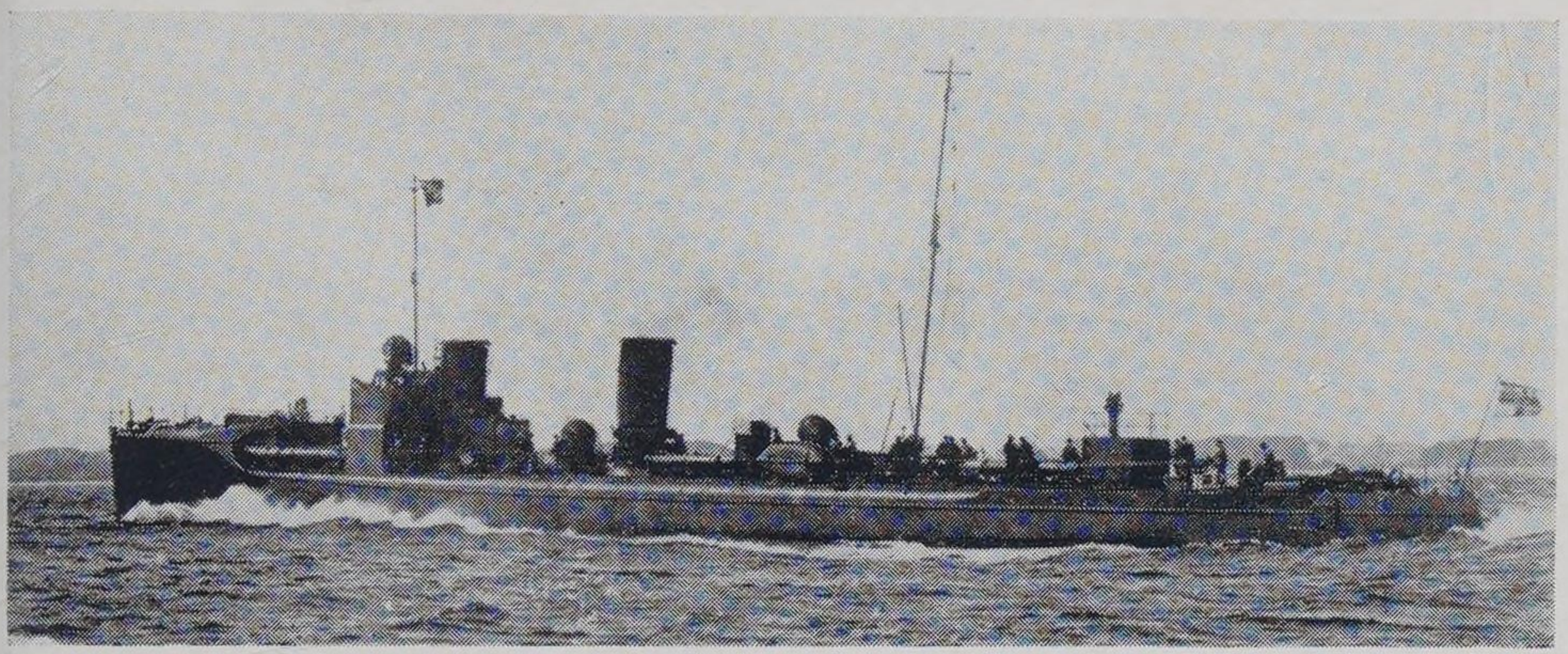
Length: 234½ ft. *Beam:* 24¾ ft. *Displacement:* 573—719 tons.
Otherwise as V1.

Number	Completed		
G7	1912	1928-31	Rebuilt, 1936 Training ship.
G8	1912	1928-31	Rebuilt, 1936 Training ship.
G9	1912	1918	Mined in North Sea.
G10	1912	1928-31	Rebuilt, 1936 Training Ship.
G11	1912	1928-31	Rebuilt, 1936 Training Ship.
G12	1912	1915	Sunk, collision in North Sea causing torpedo to explode.

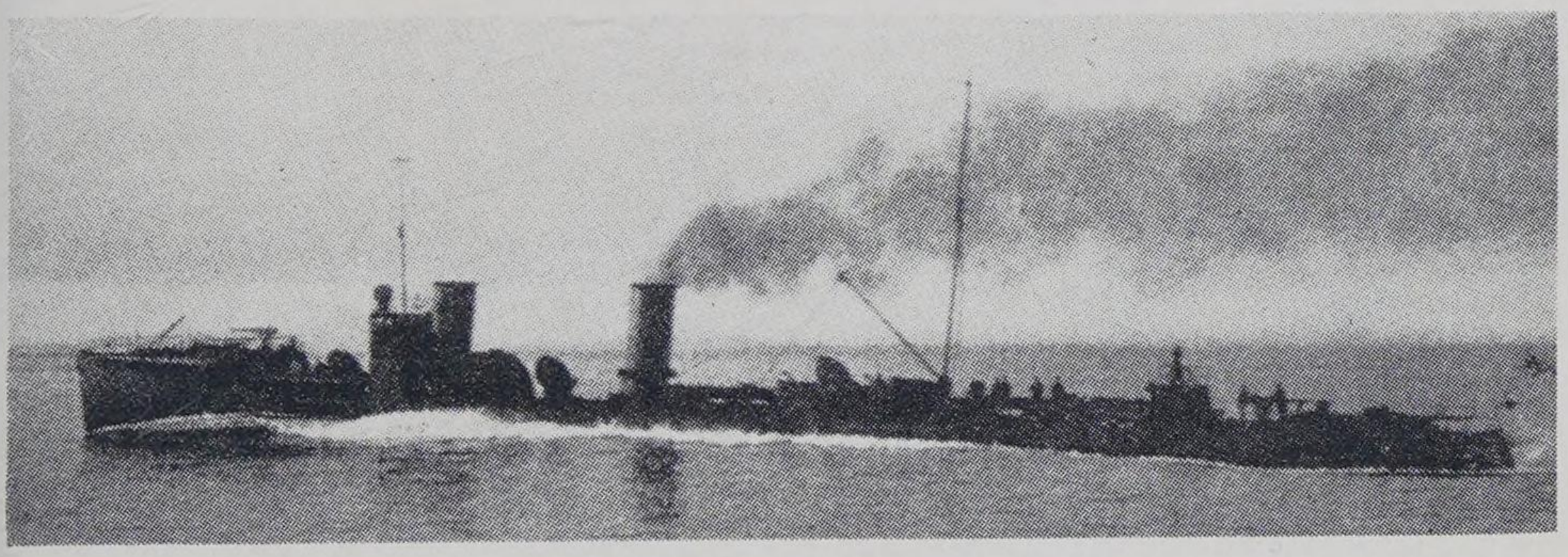
S13 CLASS (S13-24)

Length: 234½ ft. *Beam:* 24⅓ ft. *Displacement:* 568—695 tons.
Turbines. 2 screws. 15,000—22,000 h.p. 34—37 knots.
Guns: 2—4.1 in., 1—3.5 in. *Torpedo tubes:* 4—19.7 in. *Mines:* 18.
Complement: 75—95.
Two funnels (Code 21). T. tubes (plan 8).

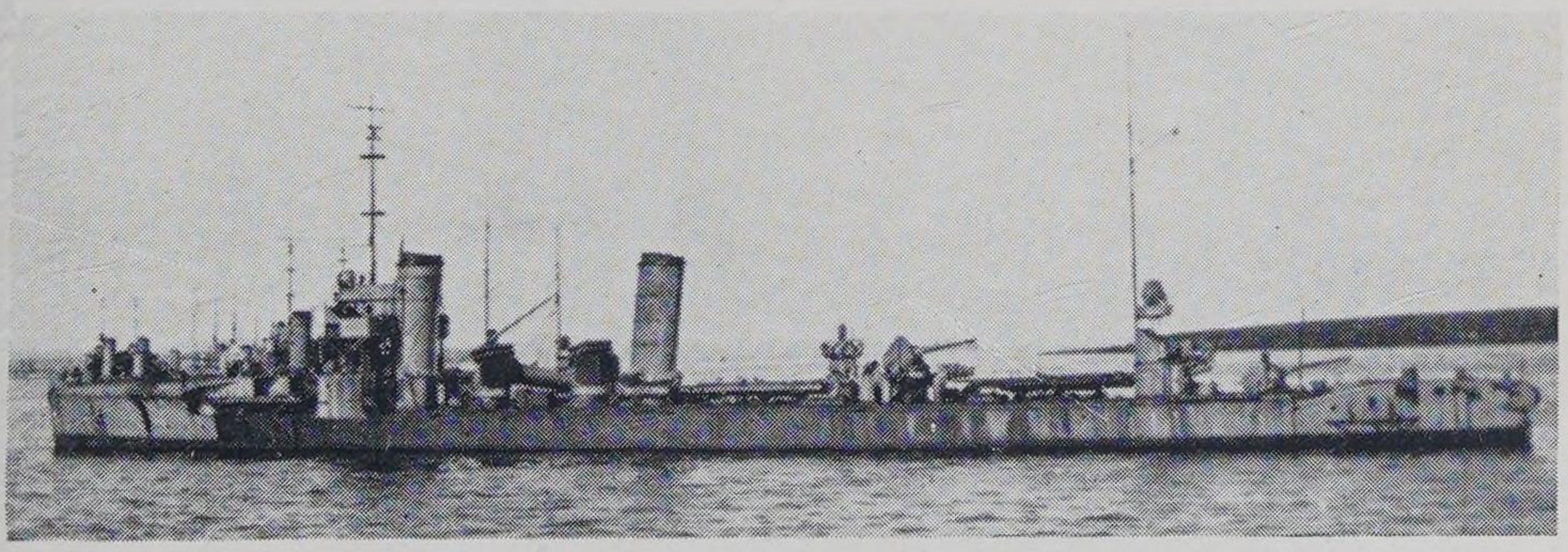
Number	Completed		
S13	1912	1914	Sunk, accidental torpedo explosion in North Sea.
S14	1912	1915	Scrapped after internal explosion.
S15	1912	1917	Mined off Belgian Coast and scrapped at Ghent.
S16	1912	1918	Mined in North Sea.
S17	1912	1917	Mined in North Sea.
S18	1913	1931	Discarded. 1935 scrapped.
S19	1913	1931	Discarded. 1935 scrapped.
S20	1913	1917	Sunk by H.M.S. *Centaur* off Belgian Coast.
S21	1913	1915	Sunk, collision in North Sea.
S22	1913	1916	Mined in North Sea.
S23	1913	1932	T23 Tender.
S24	1913	1920	To U.K. and stranded near Torquay.



German destroyer G 10. [N.M.M. Greenwich



German destroyer S 16.



German destroyer S31 Class. [I.W.M.

V25 CLASS (V25-30)

Length: 257½ ft. *Beam:* 27½ ft. *Displacement:* 812—975 tons.
Turbines. 2 screws. 23,500—25,000 h.p. 33—36 knots.
Guns: 3—3.5 in. *Torpedo tubes:* 6—19.7 in. *Mines:* 24.
Complement: 85—100.
Two funnels (Code 21h). T. tubes (plan 9).

Number	Completed		
V25	1914	1915	Mined in North Sea.
V26	1914	1920	To U.K. and scrapped 1922.
V27	1914	1916	Sunk at Jutland.
V28	1914	1920	To U.K. and scrapped.
V29	1914	1916	Sunk at Jutland.
V30	1914	1918	Mined in North Sea—(en route to surrender).

S31 CLASS (S31-36, 49-52)

Length: 261 ft. *Beam:* 27½ ft. *Displacement:* 802—971 tons.
Otherwise as V25 except T tubes (plan 9a).

Number	Completed		
S31	1914	1915	Mined in the Baltic.
S32	1914	1919	Scuttled at Scapa, raised and scrapped 1925.
S33	1914	1918	Torpedoed by submarine L10 in North Sea.
S34	1914	1918	Mined in North Sea.
S35	1914	1916	Sunk at Jutland.
S36	1915	1919	Scuttled at Scapa, raised, and scrapped 1926.

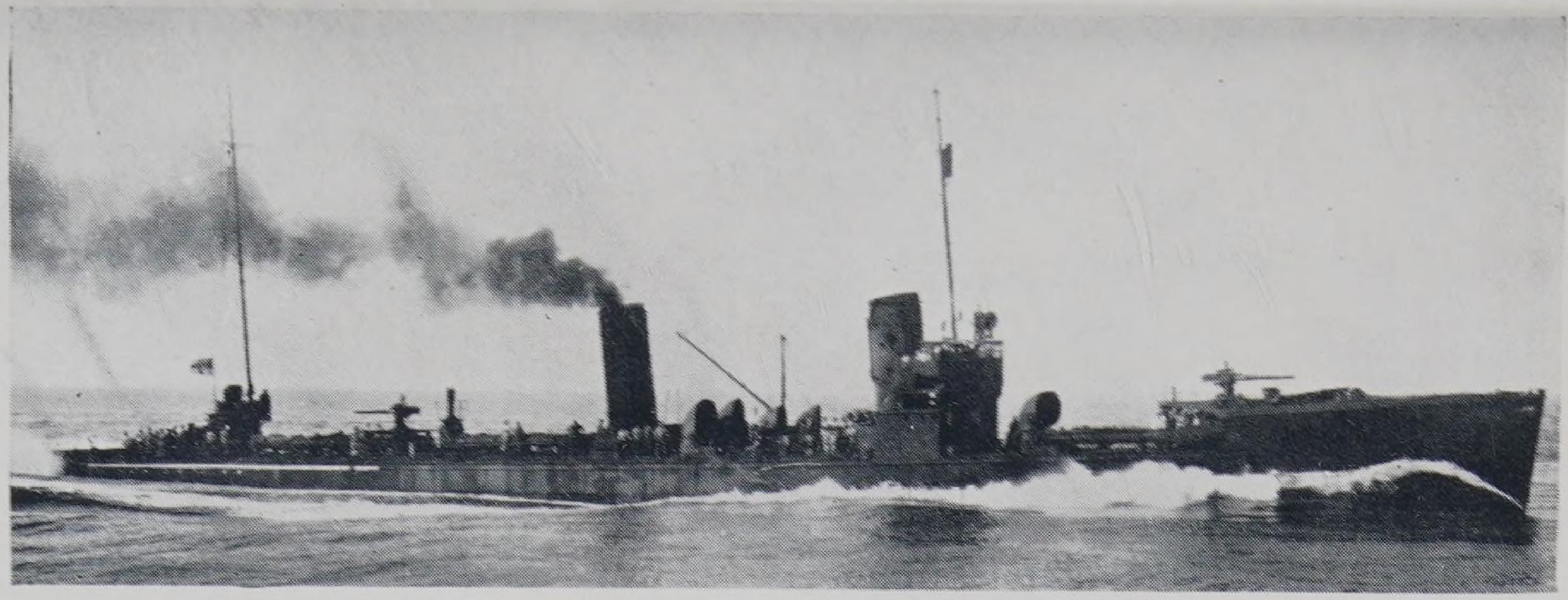
As S31 but 802—1,074 tons and geared turbines.

Number	Completed		
S49	1915	1919	Scuttled at Scapa.
S50	1915	1919	Scuttled at Scapa, raised, and scrapped 1925.
S51	1915	1919	Scuttled at Scapa, raised, and scrapped 1922.
S52	1915	1919	Scuttled at Scapa, raised, and scrapped 1925.

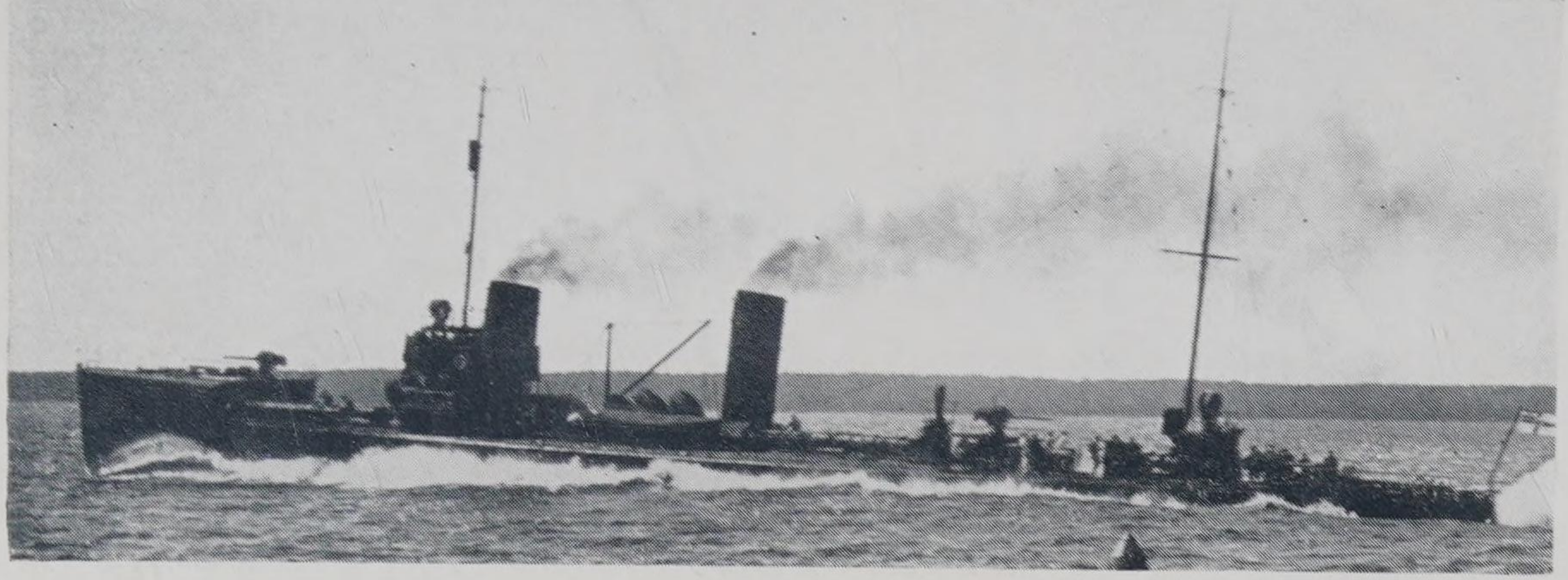
G37 CLASS (G37-42)

Length: 261 ft. *Beam:* 27½ ft. *Displacement:* 822—1,051 tons.
Turbines. 2 screws. 24,000—25,000 h.p. 33—36 knots.
Guns: 3—3.5 in. *Torpedo tubes:* 6—19.7 in. *Mines:* 24.
Complement: 85—100.
Two funnels (Code 21). T. tubes (plan F9).

Number	Completed		
G37	1915	1917	Mined off Walcheren.
G38	1915	1919	Scuttled at Scapa, raised and scrapped 1928.
G39	1915	1919	Scuttled at Scapa, raised, and scrapped 1927.
G40	1915	1919	Scuttled at Scapa, raised, and scrapped 1926.



German destroyer
V 43.
[*N.M.M. Greenwich*



German destroyer
V 47.
[*N.M.M. Greenwich*

As above but length 272⅓ ft., 960—1,147 tons and higher funnels.

Number	*Completed*		
G41	1915	1918	Blown up at Bruges on evacuation.
G42	1915	1917	Rammed and sunk by H.M.S. *Broke* near Goodwin Sands.

V43 CLASS (V43-48)

As G37 class but 852—1,016 tons, geared turbines and T. tubes to plan 9.

Number	*Completed*		
V43	1915	1919	Scuttled at Scapa, raised, to U.S.A. and sunk as target 1921.
V44	1915	1919	Scuttled at Scapa, raised, and scrapped 1925.
V45	1915	1919	Scuttled at Scapa, raised, and scrapped 1922.
V46	1915	1919	Scuttled at Scapa, raised, to France and scrapped 1924.

As V43 but length 272⅔ ft., 924—1,188 tons and guns 2—4.1 in., 1—3.5 in.

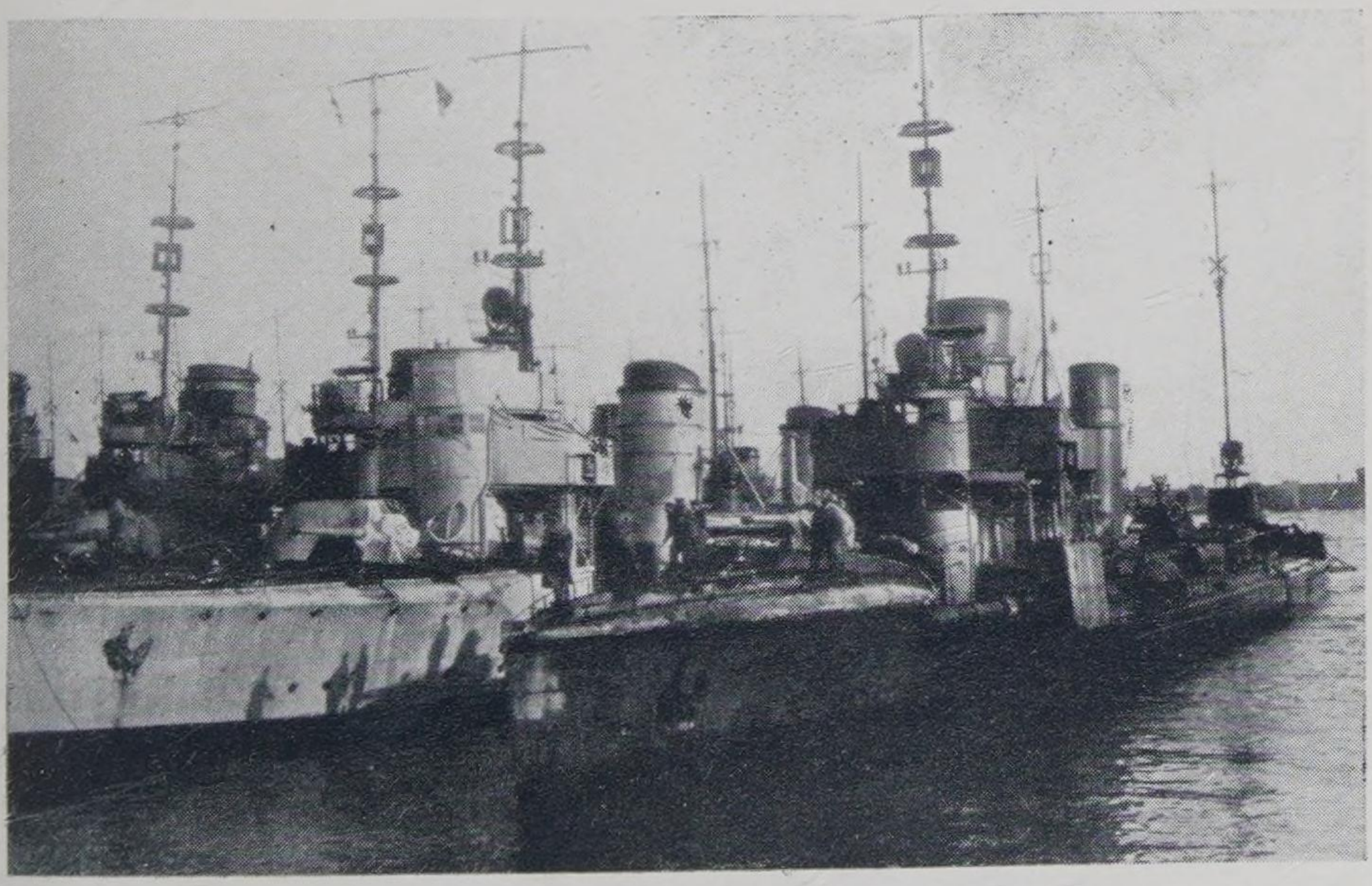
Number	*Completed*		
V47	1915	1918	Scuttled in Flanders on evacuation.
V48	1915	1916	Sunk at Jutland.

S53 CLASS (S53-66)

Length: 272⅔ ft. *Beam:* 27½ ft. *Displacement:* 919—1,170 tons.
Geared turbines. 2 screws. 24,000—25,000 h.p. 35—36 knots.
Guns: 3—4.1 in. *Torpedo tubes:* 6—19.7 in. *Mines:* 24.
Complement: 85—100.
Two funnels (Code 21h with distinctive ribs). T. tubes (plan 9a).

Number	*Completed*		
S53	1915	1919	Scuttled at Scapa, raised, and scrapped 1927.
S54	1916	1919	Scuttled at Scapa, raised, and foundered 1921.
S55	1916	1919	Scuttled at Scapa, raised, and scrapped 1925.
S56	1916	1919	Scuttled at Scapa, raised, and scrapped 1928.
S57	1916	1916	Mined in Gulf of Finland.
S58	1916	1916	Mined in Gulf of Finland.
S59	1916	1916	Mined in North Sea.
S60	1916	1919	Scuttled at Scapa, raised, and scrapped 1920.
S61	1916	1918	Scuttled in Flanders on evacuation.
S62	1916	1918	Mined off Jutland.
S63	1916	1919	Scuttled at Scapa, raised and in 1920 became Italian *Ardimentoso*.
S64	1917	1917	Mined in the Baltic.
S65	1917	1919	Scuttled at Scapa.
S66	1917	1918	Mined off Jutland.

German destroyer S 66. [*N.M.M. Greenwich*



German destroyers. The nearest is S 65, next to one of the G 37 class.
[*N.M.M. Greenwich*

V67 CLASS (V67-84)

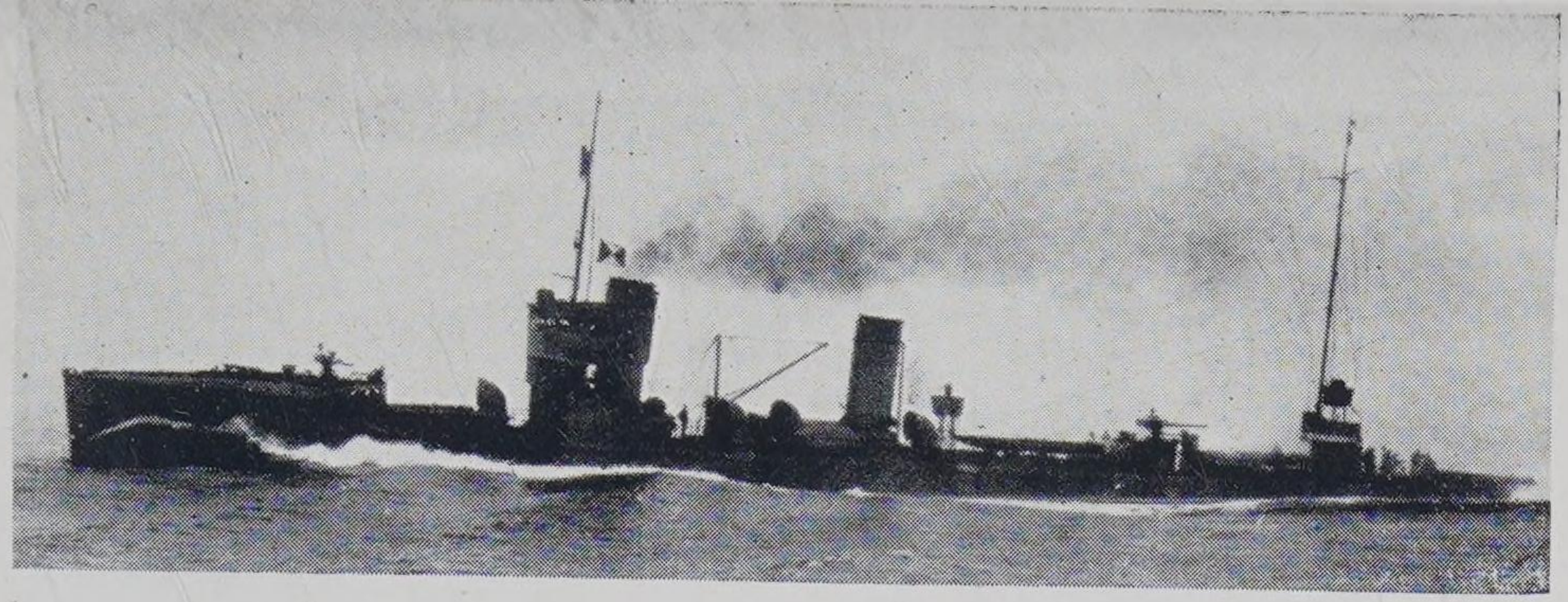
Details as S53 class, except length 269 ft., 924—1,188 tons and appearance.
Two funnels (Code 21h). T. tubes (plan 9). V83-4 differed in detail.

Number	*Completed*		
V67	1915	1918	Scuttled in Flanders in evacuation.
V68	1915	1918	Mined in North Sea.
V69	1916	1917	Badly damaged in action, 1918 scuttled in Flanders on evacuation.
V70	1916	1919	Scuttled at Scapa, raised, and scrapped 1929.
V71	1916	1920	To U.K. and scrapped 1921.
V72	1916	1916	Mined in Gulf of Finland.
V73	1916	1919	Scuttled at Scapa, raised, and scrapped 1922.
V74	1916	1918	Scuttled in Flanders on evacuation.
V75	1916	1916	Mined in Gulf of Finland.
V76	1916	1916	Mined in Gulf of Finland.
V77	1916	1918	Scuttled in Flanders on evacuation.
V78	1916	1919	Scuttled at Scapa, raised, and scrapped 1925.
V79	1916	1920	Became French *Pierre Durand*. 1933 Discarded.
V80	1916	1919	Scuttled at Scapa, raised, and scrapped 1922.
V81	1916	1919	Scuttled at Scapa, raised, and foundered.
V82	1916	1919	Scuttled at Scapa, raised, and scrapped.
V83	1916	1919	Scuttled at Scapa, raised, and scrapped 1928.
V84	1916	1917	Mined in North Sea.

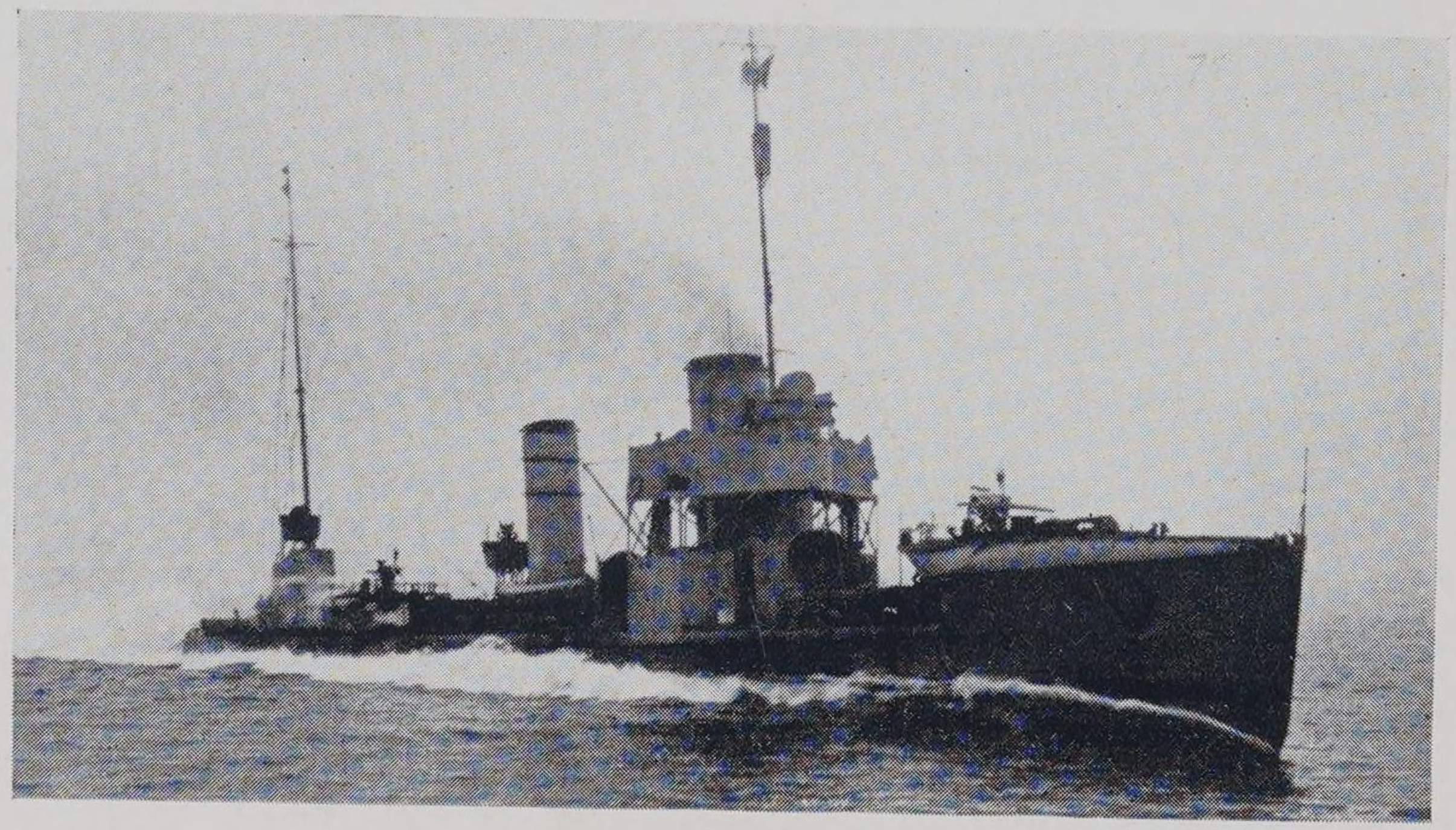
G85 CLASS (G85-95)

Length: 272¼ ft. *Beam:* 27½ ft. *Displacement:* 960—1,147 tons.
Turbines. 2 screws. 24,000—26,500 h.p. 34 knots.
Guns: 3—4.1 in. *Torpedo tubes:* 6—19.7 in. *Mines:* 24.
Complement: 96—100.
Two funnels (Code 21h). T. tubes (plan F9 with raked mainmast).

Number	*Completed*		
G85	1915	1917	Torpedoed by H.M.S. *Broke* near Goodwin Sands.
G86	1916	1919	Scuttled at Scapa, raised, and scrapped 1926.
G87	1916	1918	Mined in North Sea.
G88	1916	1917	Torpedoed by a C.M.B. off Zeebrugge.
G89	1916	1919	Scuttled at Scapa, raised, and scrapped 1926.
G90	1916	1916	Mined in Gulf of Finland.
G91	1916	1919	Scuttled at Scapa, raised, and scrapped 1925.
G92	1916	1919	Scuttled at Scapa, raised, and scrapped 1922.
G93	1916	1918	Mined in the North Sea.
G94	1916	1918	Mined in the North Sea.
G95	1916	1920	To U.K., and scrapped 1921-2.



German destroyer V 67.
[*N.M.M. Greenwich*



German destroyer V 75.
[*N.M.M. Greenwich*

G 96

Length: 277⅓ ft. *Displacement:* 990—1,047 tons. *Mines:* 40.
Other figures as G85 class.
Two funnels (Code 21h). T. tubes (plan 10c with long forecastle).

Number	*Completed*		
G96	1916	1917	Mined off Ostend.

Three-funnelled ships of the following classes can be distinguished by the armament disposed between (a) 1st and 2nd funnels, (b) 2nd and 3rd funnels:—

B97-8	(a) one gun	(b) one gun.
V99-100	(a) nil	(b) two guns.
G101-4	(a) two T. tubes	(b) one gun.
B109-112	(a) nil	(b) one gun.

Missing numbers V105-8, originally ordered by Holland, were classed as Torpedo boats.

B97 CLASS (B97-98)

Length: 321½ ft. *Beam:* 30⅔ ft. *Displacement:* 1,374—1,843 tons.
Turbines. 2 screws. 36,000—40,000 h.p. 35.5—37.5 knots.
Guns: 4—4.1 in. *Torpedo tubes:* 6—19.7 in. *Mines:* 24.
Complement: 140—160.
Three funnels (Code 35).

Number	*Completed*		
B97	1915	1920	Became Italian *Cesare Rossarol*.
B98	1915	1920	Seized at Scapa and later wrecked there.

V99 CLASS (V99-100)

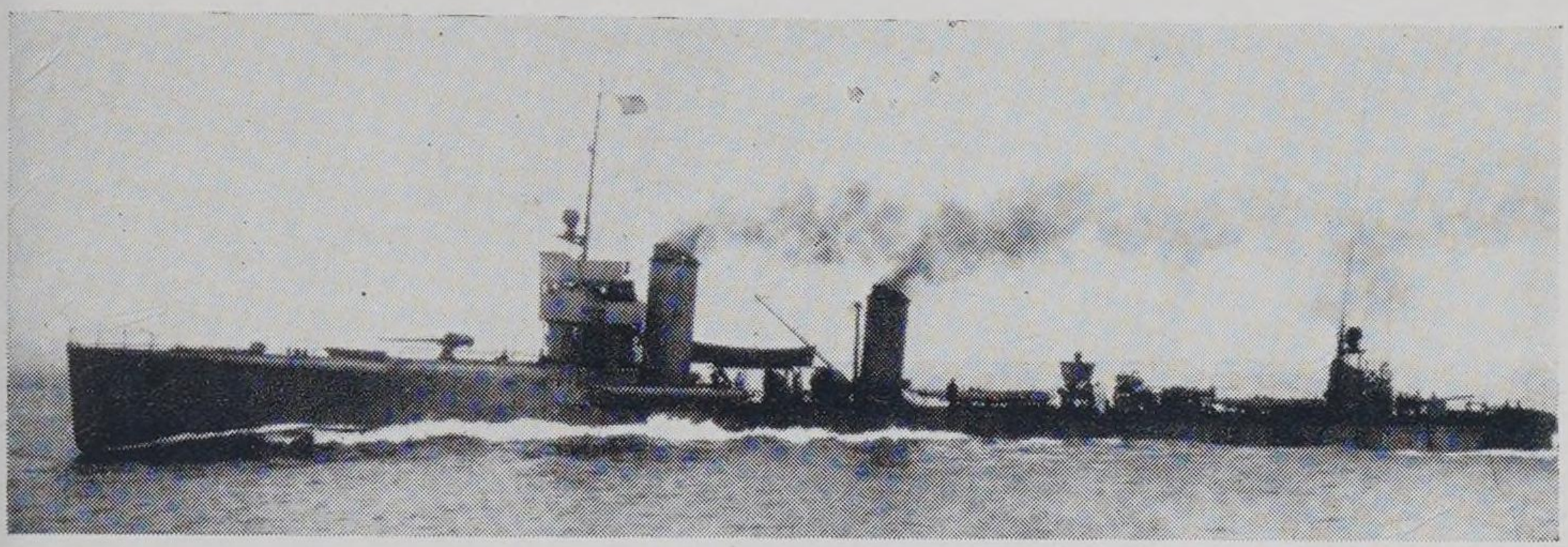
Length: 324¾ ft. *Displacement:* 1,350—1,847 tons. 40,000—42,000 h.p.
Otherwise as B97 with different disposition of armament.

Number	*Completed*		
V99	1915	1915	Sunk by Russian warships in Gulf of Riga.
V100	1915	1919	Scuttled at Scapa, raised, and scrapped in France.

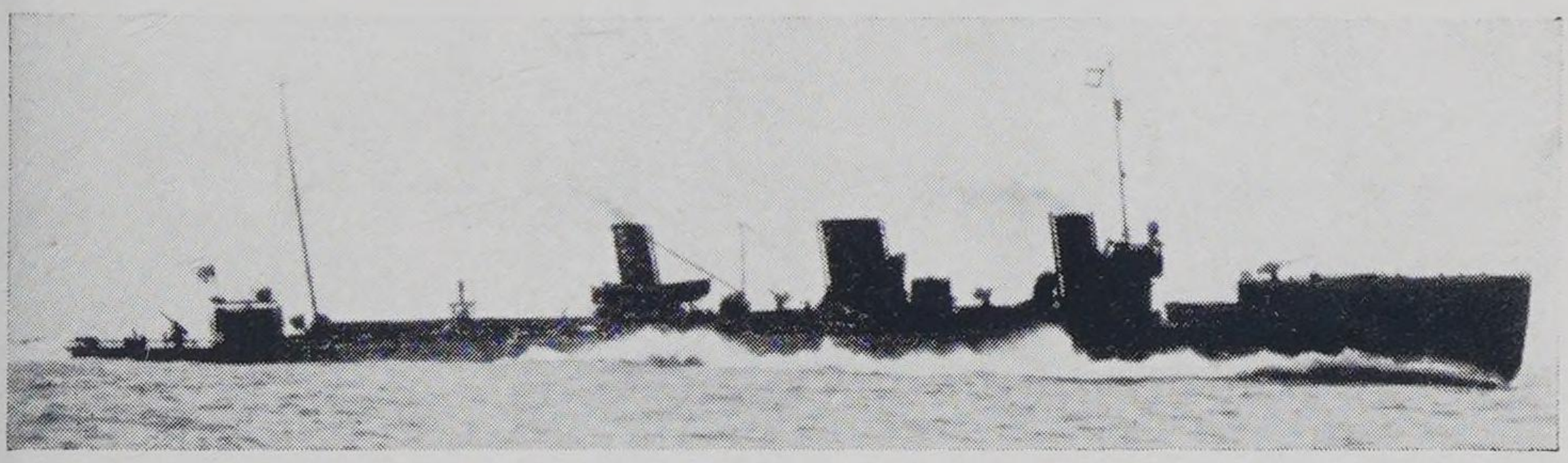
G101 CLASS (G101-104)

Length: 312⅔ ft. *Beam:* 31¼ ft. *Displacement:* 1,116—1,734 tons.
Turbines. 2 screws. 28,000—29,500 h.p. 32—34 knots.
Guns: 4—3.5 in. (later 4.1 in.). *Torpedo tubes:* 6—19.7 in. *Mines:* 24.
Complement: c.130.
Three funnels (Code 31h). Originally ordered by Argentina.

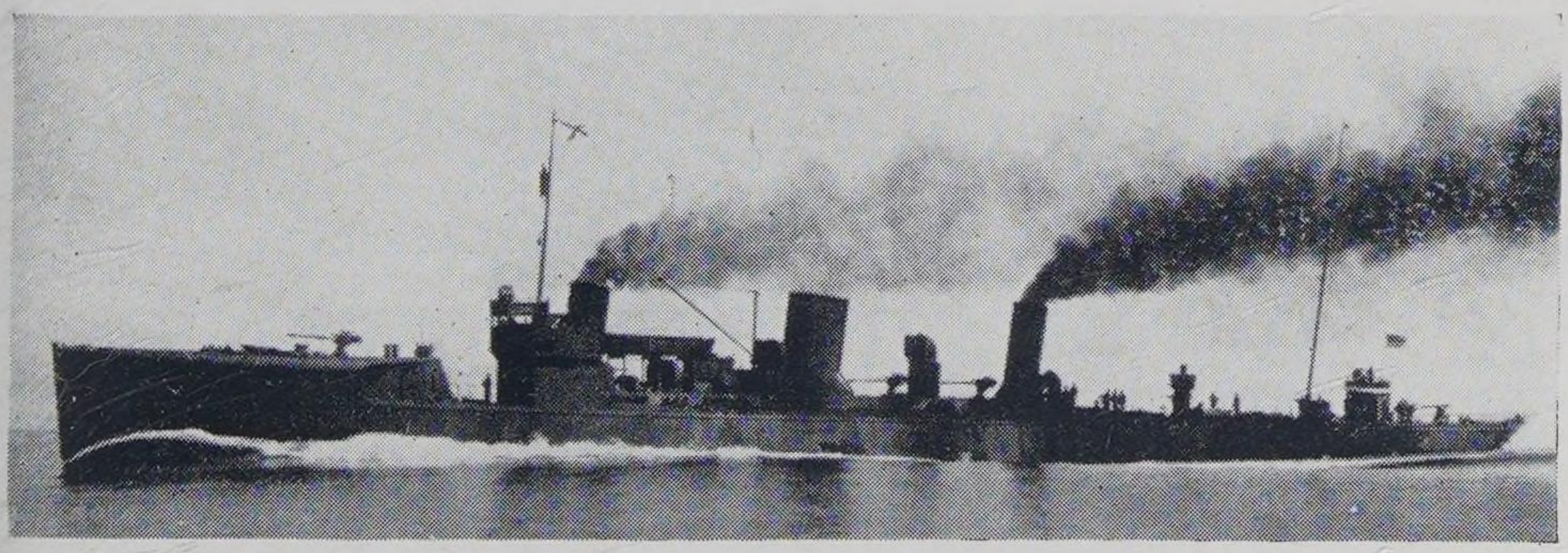
Number	*Completed*		
G101	1915	1919	Scuttled at Scapa, raised, and scrapped 1926.
G102	1915	1919	Scuttled at Scapa, raised, and destroyed as bomber target in U.S.A. 1920.
G103	1915	1919	Scuttled at Scapa, raised, and foundered in storm 1925
G104	1915	1919	Scuttled at Scapa, raised, and scrapped 1926.



German destroyer G 96. [*N.M.M. Greenwich*



German destroyer B 97. [*N.M.M. Greenwich*



German destroyer V 99. [*N.M.M. Greenwich*

B109 CLASS (B109-112)

As B97 but different arrangement of armament.

Number	*Completed*		
B109	1915	1919	Scuttled at Scapa, raised, and scrapped 1926.
B110	1915	1919	Scuttled at Scapa, raised, and scrapped 1926.
B111	1915	1919	Scuttled at Scapa, raised, and scrapped 1926.
B112	1915	1919	Scuttled at Scapa, raised, and scrapped 1926.

The next two ships, designed as Leaders, were the largest destroyers of their day. They did not however come up to expectations on trial and were still under modification at the end of the War.

S113 CLASS (S113-115)

Length: 337¾ ft. *Beam:* 33½ ft. *Displacement:* 2,060—2,415 tons.
Turbines. 2 screws. 45,000—56,000 h.p. 34—37 knots.
Guns: 4—5.9 in. *Torpedo tubes:* 4—23.6 in. *Mines:* 40. *Complement:* c.170.
Two funnels (Code 24h).

Number	*Completed*		
S113	1918	1920	Became French *Amiral Senes*. Discarded 1936.

Sister ships S114, S115 scrapped before completion in 1919.

V116 CLASS (V116-118)

Length: 352⅔ ft. *Beam:* 34 ft. *Displacement:* 2,060—2,360 tons.
Otherwise as S113.

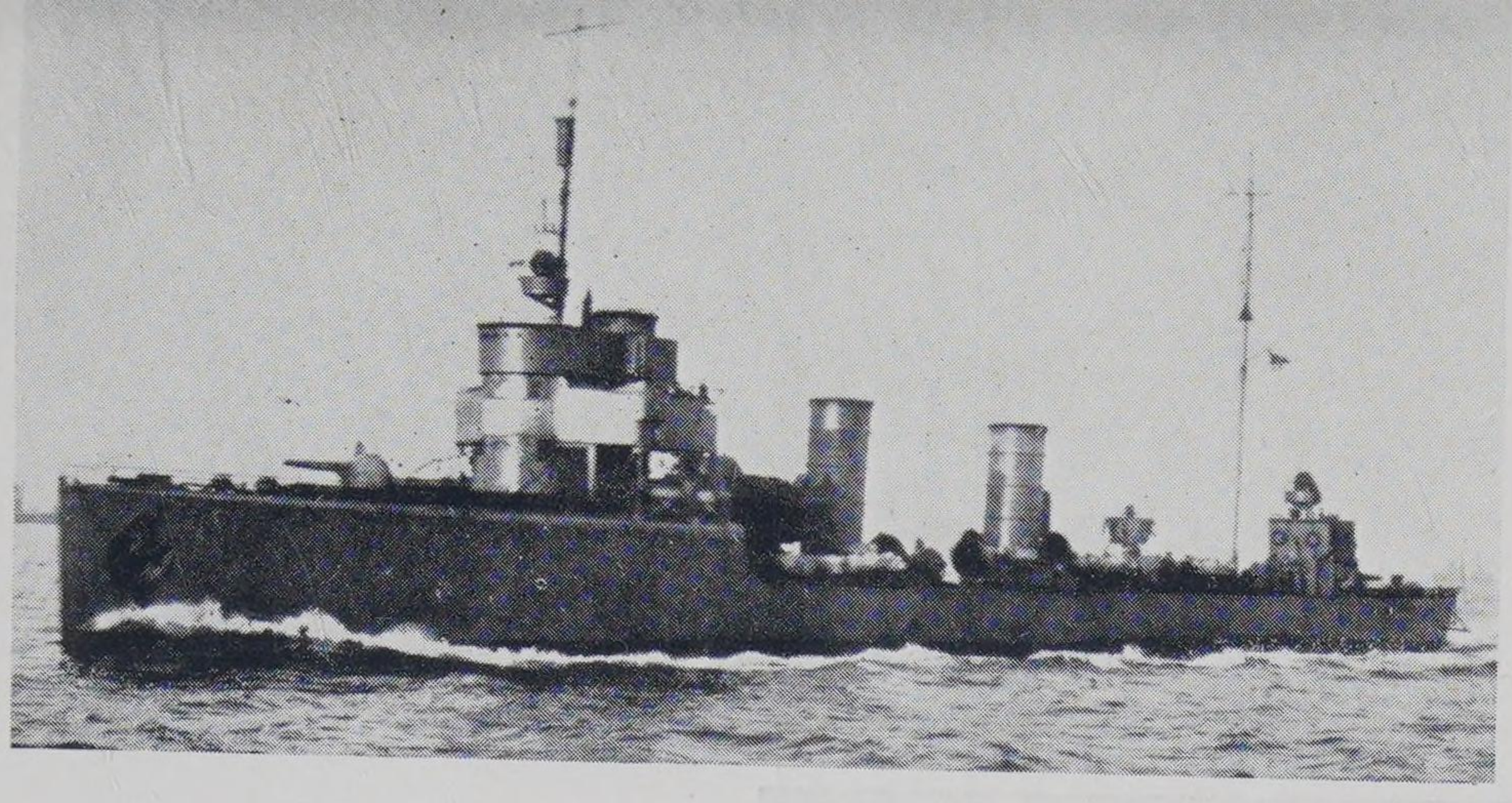
Number	*Completed*		
V116	1918	1920	Became Italian *Premuda*.

Sister ships V117, V118 scrapped before completion in 1921.

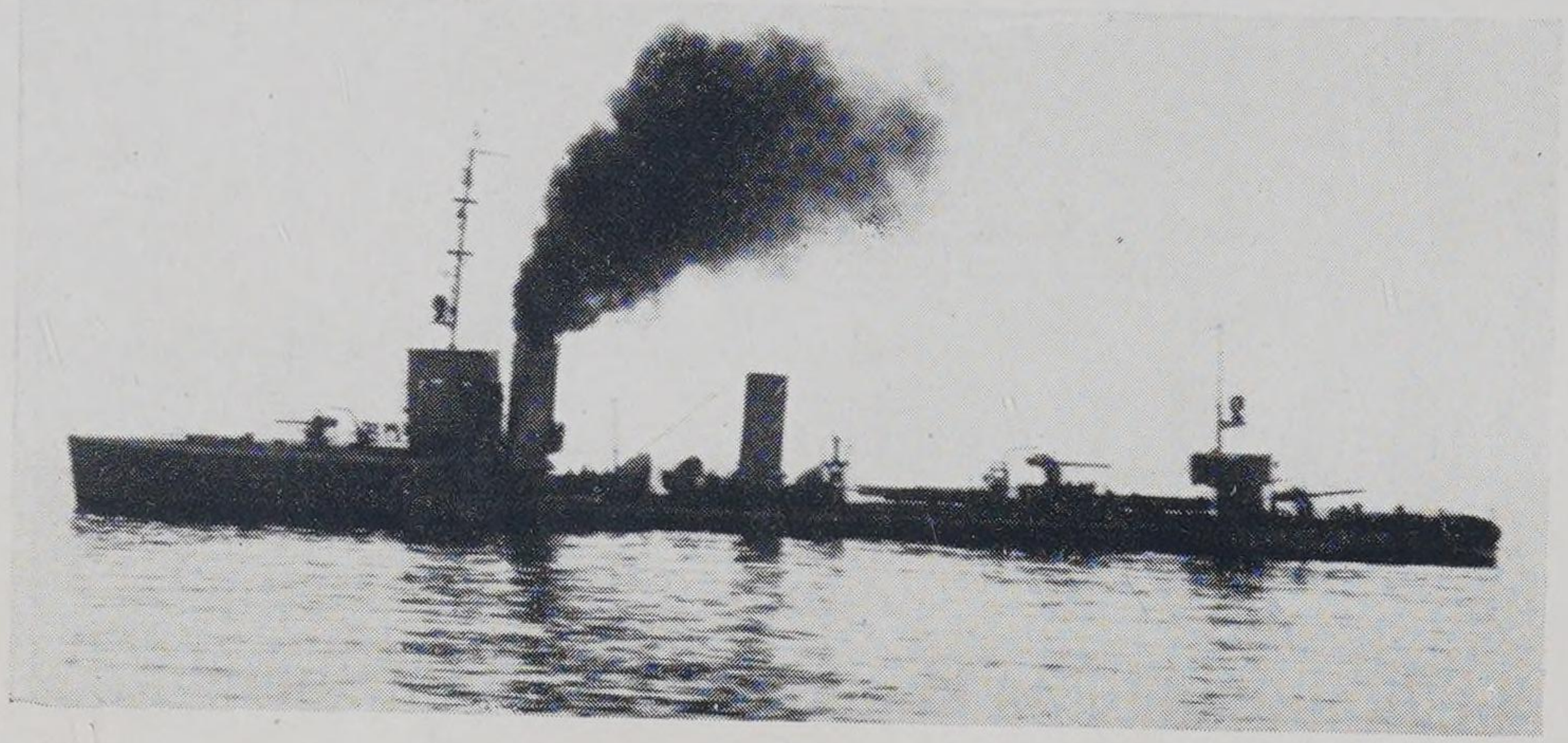
V125 CLASS (V125-130)

Length: 269 ft. *Beam:* 27½ ft. *Displacement:* 924—1,188 tons.
Turbines. 2 screws. 23,500—25,500 h.p. 34—37 knots.
Guns: 3—4.1 in. *Torpedo tubes:* 6—19.7 in. *Mines:* 40. *Complement:* c.110.
Two funnels (Code 21h). T. tubes (plan 10b).

Number	*Completed*		
V125	1917	1919	Scuttled at Scapa, raised, and scrapped 1922.
V126	1917	1919	Scuttled at Scapa, raised, and scrapped in France 1925.
V127	1917	1919	Scuttled at Scapa, raised, and scrapped in Holland 1922
V128	1917	1920	To U.K. and scrapped 1922.
V129	1917	1919	Scuttled at Scapa, raised, and scrapped 1925.
V130	1918	1920	Became French *Buino*.



(*left*) German destroyer G 101 Class.
[*I.W.M.*



(*right*) German destroyer V 125 Class
[*I.W.M.*

S131 CLASS (S131-139)

Length: 272⅔ ft. *Beam:* 27½ ft. *Displacement:* 919—1,170 tons.
Other figures as for V125. T. tubes (plan 10a).

Number	*Completed*		
S131	1917	1919	Scuttled at Scapa.
S132	1917	1919	Scuttled at Scapa, raised, and sunk as target off U.S.A. 1921.
S133	1918	1920	Became French *Chastang*, discarded 1934.
S134	1918	1920	Became French *Vesco*, discarded 1935.
S135	1918	1920	Became French *Mazare*, discarded 1935.
S136	1918	1919	Scuttled at Scapa, raised, and scrapped 1928.
S137	1918	1919	Scuttled at Scapa, raised, and scrapped 1922.
S138	1918	1919	Scuttled at Scapa, raised, and scrapped 1926.
S139	1918	1920	Became French *Deligny*, discarded 1934.

H145 CLASS (H145-147)

Length: 277⅓ ft. *Beam:* 27½ ft. *Displacement:* 990—1,147 tons.
Other figures as for V125. T. tubes (plan 10c).

Number	*Completed*		
H145	1918	1919	Scuttled at Scapa, raised, and scrapped 1928.
H146	1918	1920	Became French *Rageot de la Touche*.
H147	1920	1920	Became French *Delage*.

Note. Missing numbers 119-124, 140-144; 148-190 were scrapped on the stocks or never laid down. Nos. 191-223 were only projected.

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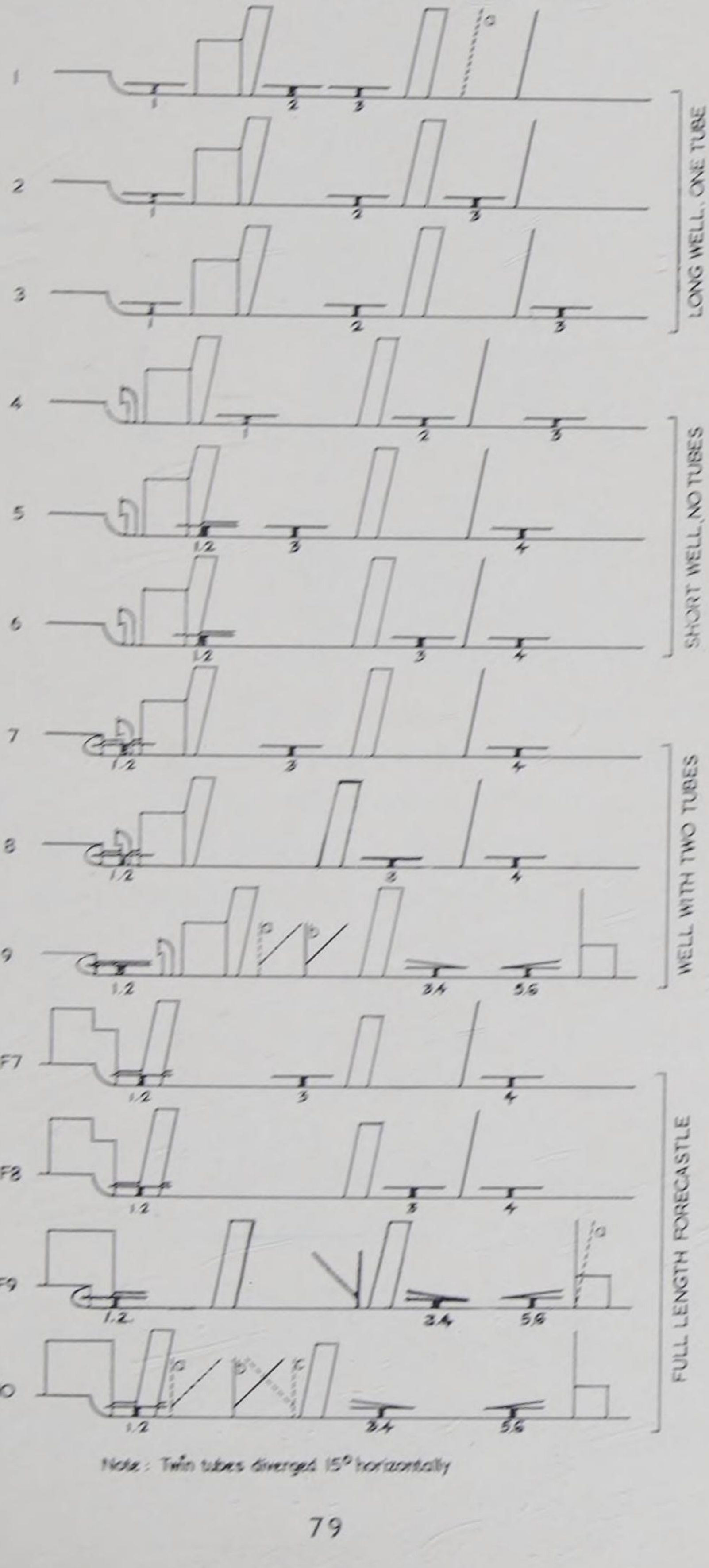

Note: Twin tubes diverged 15° horizontally

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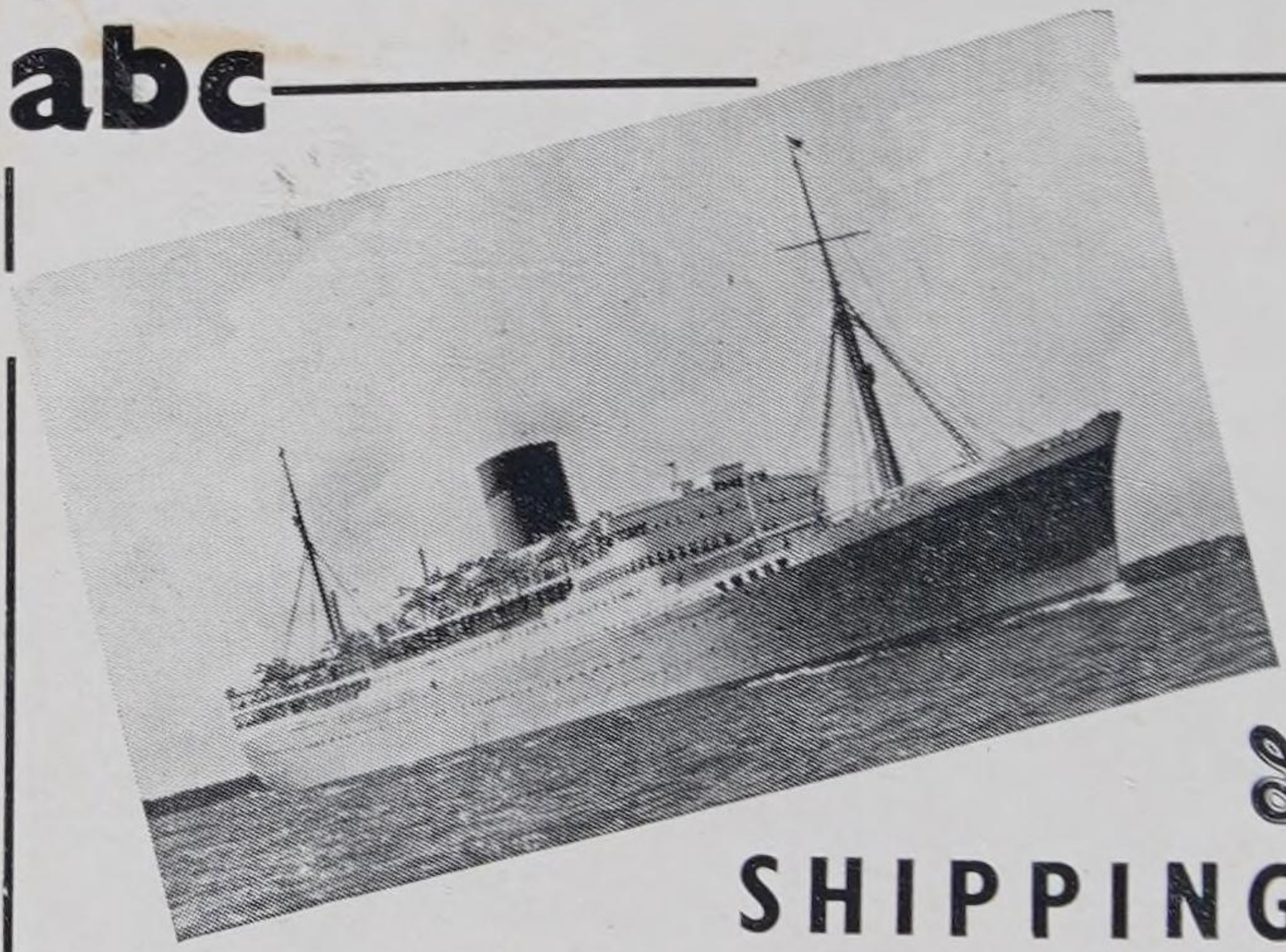

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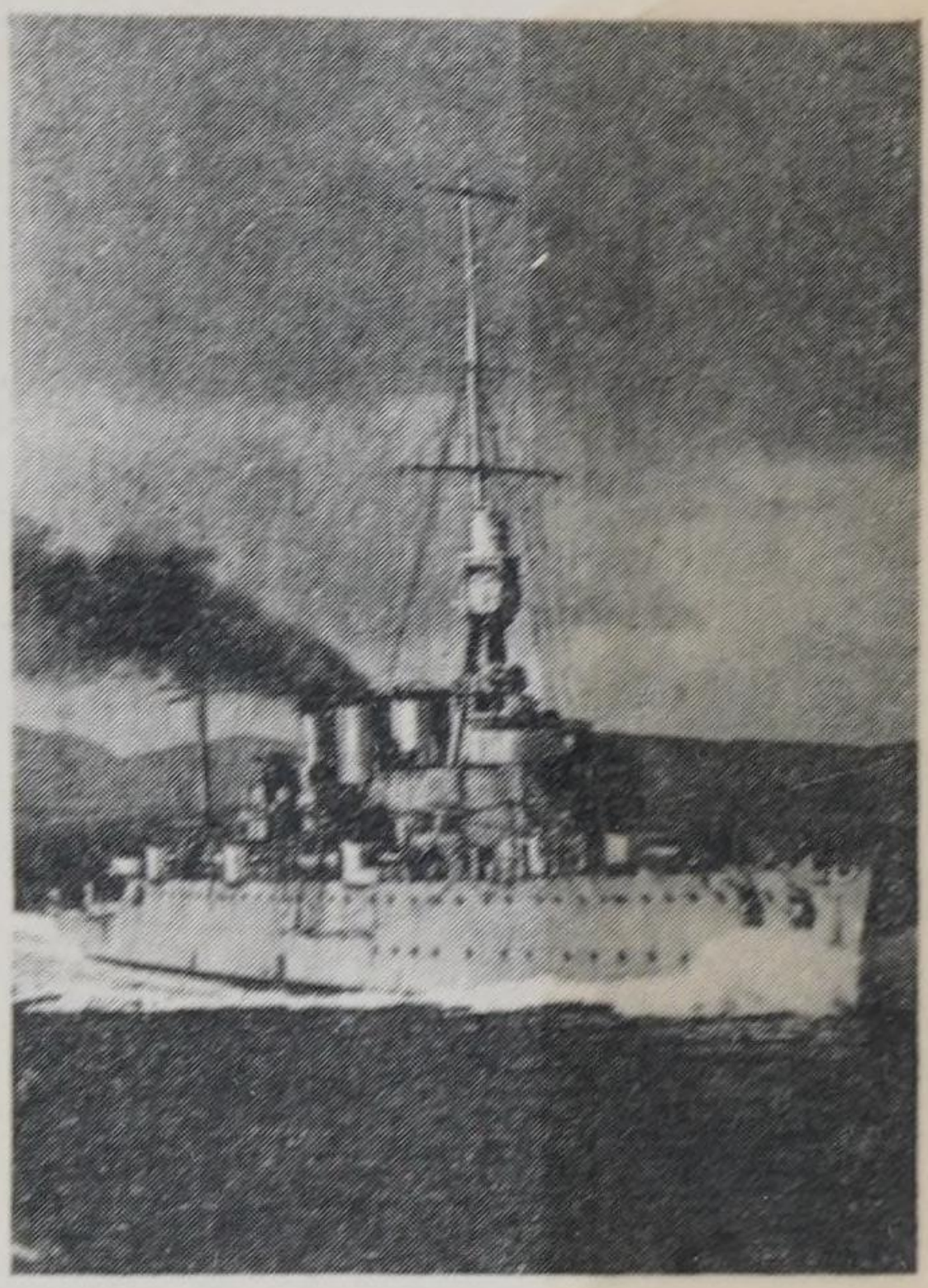

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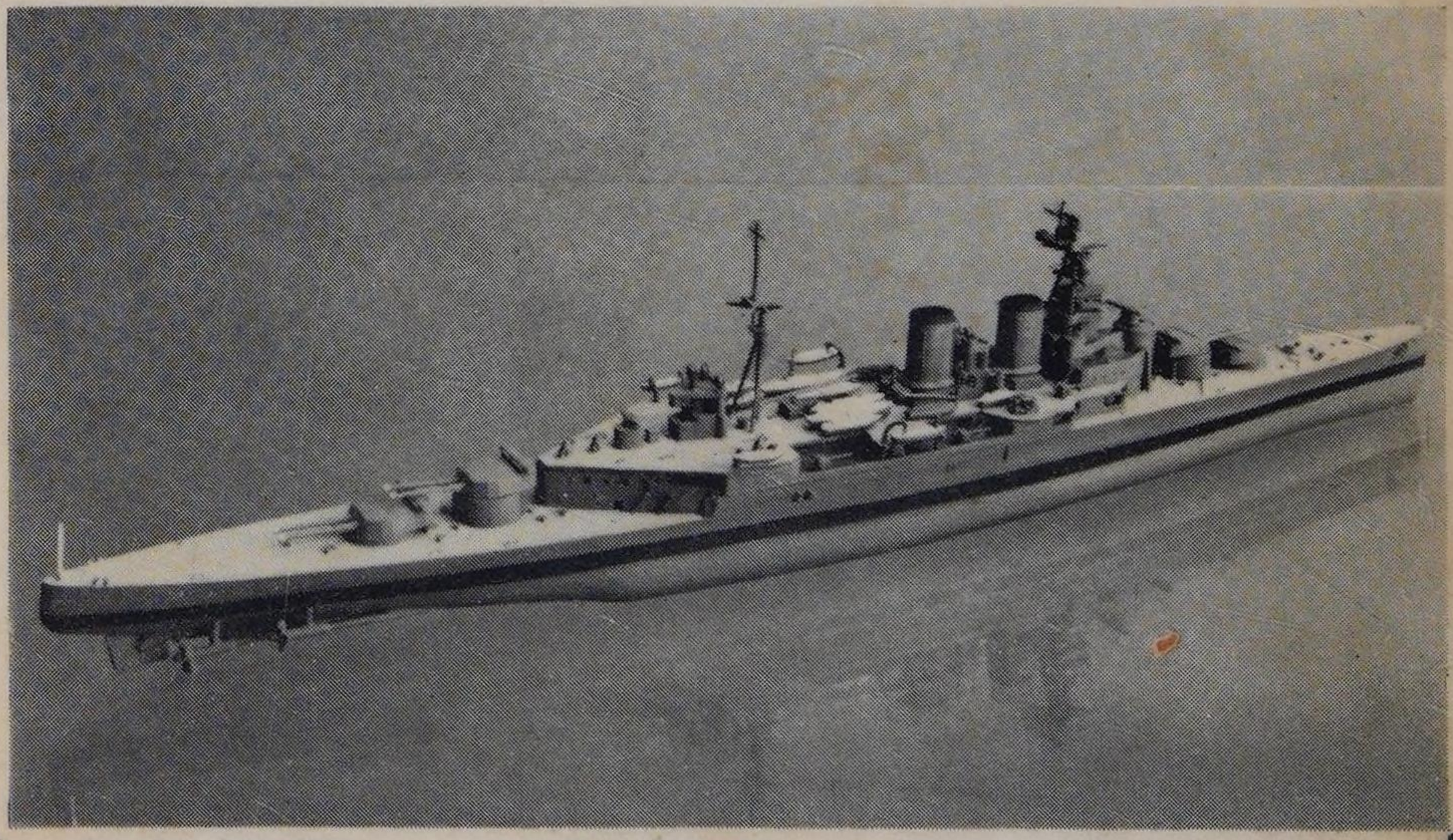

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